

# **Global report**

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## 1. Model properties

Name: ETCS System

Version: 0.7

**Description:** 

Date: Dec 9, 2015, 1:55 PM

Available modes : Standard mode

Current system mode : Standard mode

## 2. Sytem events

Name	Description	
System Failure	Default system event corresponding to a system failure	

## 3. Blocks

## 3.1. CaseLinkingInUse1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

storedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trackSideForCheck

	Name	Feared Events	Feared Events Families	Description
Α	١			The standard 'absent' failure mode
U	ı			The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## errorLinkedBG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.2. CaseLinkingNotInUse1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## applyServiceBrake

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## badBaliseMessageToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## errorUnlinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.3. Receive\_TrackSide\_Msg

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## API\_TrackSide\_Msg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inActualOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

outTrackMessage\_for\_check

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.4. InformationFilter

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## inSupervisingDevice

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in Pending L1 Transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inPendingL2L3Transition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in Pending Ack Of Train Data From RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inEmergencyStopAccepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inLastAckTextMessageId

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inPendingNTCTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inActiveCab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inTrainDataValid

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inMessage

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## inLevel

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## inModus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inFilterEvents

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## outAcceptedMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## outMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## out Packets For ML

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.5. validateDataDirection

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## inMessage

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

## inLRBG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inPositionedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

## outMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.6. CheckEuroRadioMessage

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## activateCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## rtmMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## tNvContact

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## lastRelevantEventTimestamp

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## connectionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

radioSequenceError

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### tNvContactError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## other Timing Error

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## checkedMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.7. changeLevelByDiver1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## levelData

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## lasttNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

## ML\_levelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## updatedNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.8. doDriverRequests1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

inDriverRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## - Out Ports

outDriverRequestToLevels

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## out Driver Request To Modes

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## ${\bf 3.9.}\ receive Requests \textbf{Modes And Level 1}$

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

fromDMI\_driverRequest

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

## fromDMI\_lcon\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## fromDMI\_TextMsg\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

outDriverRequestToLevels

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### forModesAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## outStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.10. triggerForMA1

Description : Hypothesis :

Scope: Internal

## - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

 $from DMI\_driver Request$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

outForMA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.11. updateDMIStatus1

Description : Hypothesis :

Scope: Internal

## - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

snd Validation Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## oldStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## fromDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

newStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.12. getTIUStatusFromData

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inTIUActualData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.13. mergeTIU\_Info

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## newInfo

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### storedInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

updatedInfo

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.14. selectTrainData

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## newTIUTrainData

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## in\_train\_commands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

## outTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.15. SoM\_NTC\_SN

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

 $Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.16. SoM\_SR\_FS\_OS\_LS\_SH\_SN\_UN

**Description:** 

**Hypothesis:** 

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

Status\_MA\_FS\_SR\_OS\_LS\_SH\_from\_MA\_L2\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

request\_MA\_FS\_SR\_OS\_LS\_SH\_to\_MA\_L2\_Management

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

request\_Mode\_Change\_SB\_to\_FS\_to\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.17. processHandingOver

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## morcStatus\_1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## morcStatus\_2

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dataFromTrack\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

BGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

sendPositionReport\_2\_handingOverRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $sendPositionReport\_2\_acceptingRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sendTrainData\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# bufferInformation From Accepting RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### supervisingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### use Information From Accepting RBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

handingOverMobile\_is\_mobile\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $train Passes A\_RBC\_RBC\_border\_With Its Front End$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sessionCmds\_2\_MoRC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sessionCmds\_2\_MoRC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.18. MoRC\_Main\_v21

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### msg\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### atPowerUpRadioNetworkID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# mobileRegistrationContext

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mobileConnectionContext

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### t\_train

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### sendAPositionReport

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### msgToRBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### safeRadioIndication

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mobileConnectionCmd

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# mobile Registration Cmd

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### lastReceivedRadioNetworkID

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.19. MoRC\_Main\_v22

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### msg\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### atPowerUpRadioNetworkID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# mobileRegistrationContext

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mobileConnectionContext

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### t\_train

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### sendAPositionReport

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### msgToRBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### safeRadioIndication

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mobileRegistrationCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### lastReceivedRadioNetworkID

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.20. mobileDataRouter\_out

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

useInformationFromAcceptingRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### handingOverRBC\_is\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### $sendPositionReport\_2\_acceptingRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $sendPositionReport\_2\_handingOverRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sendPositionReport\_2\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### sendPositionReport\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

sendTrainData\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dataToRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# positionReport\_in

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### trainData\_in

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# $morcMsgToRBC\_1$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# morcMsgToRBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

data\_2\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### data\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.21. InputWrapper

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

TrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### dataFromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

mrsp\_update\_out

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### ma\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mrsp\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ma\_out

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### gp\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

gp\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.22. ABrakeFactory

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### aBrakeService

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.23. TargetManagement

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MRSP\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### MA\_updated

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### MRSP

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### MA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# - Out Ports

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.24. CalcBrakingCurves

Description : Hypothesis :

Scope: Internal

# - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### A\_Expected

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### A\_Safe

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### - Out Ports

#### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.25. LimitLocations

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MRSP\_Profile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### MA

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainData\_int

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### - Out Ports

### FLOIisSBI1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### locations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Most Restrictive Displayed Target

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.26. Commands

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### floilsSB1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# allTargets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### locations

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### mrdt

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MLrequestEB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MLrequestSB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TrainData\_int

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### targetSpeedReached

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

### eoaOverpassed

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sdmCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sdmToDMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### brakeCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.27. AGradient

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# GradientProfile\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### GradientProfile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

# A\_gradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.28. addGradient1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.29. addGradient2

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.30. AddBGToFIFO

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reportIsSent

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# reportedBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### posBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.31. AggregatePackets

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### inPacket0

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### inPacket1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inPacket4

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inPacket5

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

#### outPackets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.32. Build\_Packets0\_1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### posBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

prvDirTrain

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.33. Build\_SinglePosReport

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# errorMsg

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### trainProps

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### in\_packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in\_packet1

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

posRepHeader

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### packet0

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### packet4

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### packet5

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.34. PosReport\_Supervision

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### rbcComm

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# posRepParam

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### present

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

trackInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### odometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### posBGs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### prvDirTrain

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### reportedBGs

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

trigger

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### posRep

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.35. ReceiveReportParameters

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

### reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inMessage

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### - Out Ports

# out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# present

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### posRep

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# posRepParam

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.36. ErrorManager

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# BG\_LinkingConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# LinkedBG\_MessageConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $Unlinked BG\_Message Consistency Error$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# RadioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### RadioSafeRadioConnectionError

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

SafetyCriticalFailure

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# DoubleLinkingError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ${\color{blue} Double Repositioning Error}$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

errorVector

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.37. bothBrakesActive

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

speedSupbrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### levelBrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.38. getTIUStatusFromCommand

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in\_brake\_command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.39. handleTraction

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

in\_train\_commands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outTrainCommands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.40. mapModeToTractionCutOff

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### tractionCutOff

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.41. TIU\_OutputIntegration

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# SpeedSup\_brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in\_brake\_inhibition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### in\_train\_commands

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# in\_change\_traction\_system

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### in\_passenger\_door\_control\_info

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

in\_change\_of\_allowed\_current\_consumption

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outTIU\_to\_API

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### out Command Status for EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.42. calcDistances1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outLocationKP\_Balise\_Track

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ouDistanceKP\_Balise

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outDistance\_ToTSA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.43. collectDMIPackets1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dmi\_dynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_evc\_coded\_train\_data

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmi\_text\_message

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

 $dmi\_trackDescription$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $dmi\_systemVersion$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_displayControl

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### dmi\_EVC\_levelData

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# dmi\_EVC\_radioNet

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_driverIdentifier

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

dmi\_trainRunningNumber

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dmi\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### $dmi\_adhesionFactor$

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $system \\ Time$

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# - Out Ports

to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.44. convert\_cm\_s\_km\_h1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

cm\_s

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

km\_h

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.45. copyGradientElement1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# dmiUpdateLevelsDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_fromBG$

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in System Time

Nam	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### in Brake Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in Movement Authority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inRadioConnectionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### train Data From EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_evc\_coded\_train\_data

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# $dmi\_trackDescription$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_displayControl

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dmi\_EVC\_levelList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $dmi\_EVC\_radioNet$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dmi\_driverIdentifier

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $dmi\_trainRunningNumber$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### dmi\_adhesionFactor

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### $dmi\_fromModesAndLevel$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### index

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### outStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.46. copySpeedProfileElement1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### index

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### fromTrackAtlas

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
U	l			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### - Out Ports

### fromDMI\_TrainDataAck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### toDMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.47. copyTrackDescription1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.48. cyclicReportToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### incurrentDMIStatus

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inTrainPosition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inMovementAuthority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inMoRC\_status

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.49. doEntryRequest1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

sendTrainDataToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# new\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### outLevelsNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.50. doldentifierRequest1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ownVersion

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### - Out Ports

identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.51. isSendingNeeded1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

sendingNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.52. mapEntryForLevel1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.53. mapMoRCtoRadio\_CS1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outBMI\_CS

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.54. sendBrakesToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.55. sendDynamic1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inModeLevel\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inNationalValues

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $in MoRC\_status$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inModeAndLevel

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inMovementAuthority

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.56. sendLevelListPkg1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

UpdateLevelsRequested

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

#### levelList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

levelDataPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.57. sendTrainData1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainDataFromEVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

trainData\_ForDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.58. sendVersion1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### ownVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### dmiStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

# VersionPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.59. synchWithDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# outputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

updatedOutputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# send\_dmi\_identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.60. trainDataStorage

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### eventsForTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainDatafromTIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainDatafromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## train Data Ack from Driver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### actualTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.61. sendAcknowledgementRBC

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## EVC\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## nidEngine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## RBC\_timeStamp

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inVersion

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

updatedStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.62. checkRadioMessages

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trackMessages

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ackReceived

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## ackRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.63. sendValidTrainDataRBC

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### evc\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## nidEngine

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## p0\_positionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## p1\_positionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.64. linkedBG\_missed

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### enable

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## position

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## BGs\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### indexOfBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ВG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.65. twoConsecutiveLinkedBGs\_missed

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## msgFromTrack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### missedLinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## - Out Ports

secondConsecutiveBG\_missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.66. addAnnouncedBGs

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## trainProperties

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
L	I			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### - Out Ports

### overrun

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.67. calculateBGLocations

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## passedBG

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### lastBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### BGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### errors

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## passedPositionedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.68. calculateTrainpositionAttributes

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### trainPositionInfo

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## currentOdometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.69. calculateTrainPositionInfo

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### recalculateBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### reset

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## currentOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### BGs

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

positionCalculationNotConsistent

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainPositionInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.70. delDispensableBGs

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

deleteBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.71. msg\_2\_passedBG

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

msgFromTrack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## BG\_passed

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## onlyBGsAnnouncedViaRadio

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.72. Input

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_Track\_Messages

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_Track\_Packets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_Localisation

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Cab\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## driver\_level\_transition\_In

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ERTMS\_capabilities\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### start Of Mission Ended

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_Track\_MASSPGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

train\_standstill

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### levelAck

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outStartOfMissionEnded

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## driver\_level\_transition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ERTMS\_capabilities

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

Data\_From\_Track\_to\_Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_DMI\_To\_Mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_F2\_Functions\_to\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### Data\_From\_Localisation\_To\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## Data\_From\_Speed\_and\_Supervision\_To\_Mode

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## Data\_From\_STM\_to\_Mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_TIU\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_Track\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.73. ManageLevels

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### trainStandstill

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### levelAck

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## driverLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainPosition

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## **ERTMS**capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## DataFromTrackToLevel

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

MemorizedLevelIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## TripTrainRequested

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### needsAckFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## serviceBrakeRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### nextLevel

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## announced\_level\_transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## positionReportNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

levellsNew

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## isAvailableForUse

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### announcedLevelTransition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## connection To RBCR equested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.74. CheckLevelAndMode

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.75. ManageModes

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Current\_Level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_Localisation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_Track

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## TripModeFromLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## EB\_Requested

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### currentMode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# **3.76. Output**

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### needsAckFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### service\_brake\_from\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### LevelsTransitionPositionPassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## EB\_Requested\_From\_Mode

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## Service\_Brake\_Command\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

next\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## TripTrain

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## previous\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### MemorizedLevelIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### announce\_driver\_selection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### currentMode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_To\_DMI\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## EB\_Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### transitionPositionPassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Compatible\_Mode\_And\_Level

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.77. TrackAtlasETCS

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# TrainData\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $from Driver To MA\_R$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MessageIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ModeAndLevel\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### TrainPositionIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# train\_length

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# SystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### preindicationLocation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### packet0

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

P203V1\_onboard

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# PermanentDataP003

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# bus\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# To\_ModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# to\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MA\_onboard\_out

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# ces\_accepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ces\_revoked

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

trip\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### NV\_raw\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MA\_request\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# message147

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### SSP\_available

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# bus\_out

	Name	Feared Events	Feared Events Families	Description
A	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# 3.78. F2.9 MoRC\_Main

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### obuEventsAndPhases

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### radioNetworkIDs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### statusOfMobile

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### connectionStatusTimerInterval

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inMessage\_new

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# t\_train\_global

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# msgBus\_in

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# nid\_engine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# onboardPhoneNumbers

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $on board Phone Numbers\_b$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### m\_version

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $ignore Messages From RBC\_except\_m39\_AckOf Termination Of Communication Session$ 

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

### sendAPositionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### cmdsToMobile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### memorizeTheLastRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### order The Registration Of Its Connected Mobiles

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

Inform The Driver That No Connection Was Setup

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### $safe Radio Connection Status\_to Driver$

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mobileSWStatus

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# request The Setup Of AS a feRadio Connection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### request Release Of Safe Radio Connection With Track side

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# session Successfully Established

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ready

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sessionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ${\sf MessageToRBC}$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgBus\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.79. F1 Receive Information from Trackside

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### **RBCBTMIn**

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

TracksideOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# **3.80.** Driver

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

Input1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.81. Configuration1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - Out Ports

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.82. F3 Measure Train Movement

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

OdometryIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

OdometryOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.83. F4 Radio Communication Controller

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### RadioIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### RadioOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.84. F5 Manage JRU

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# 3.85. F6 DMI Controller

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

**DMIIn** 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

**DMIOut** 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.86. F7 TIU Controller

**Description:** 

**Hypothesis:** 

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

TIUIn

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### - Out Ports

**TIUOut** 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.87. F8 Persistent Data

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### PersistentDataIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

### PersistentDataOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.88. CaseLinkingInUse1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### storedBGs

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### errorLinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.89. CaseLinkingNotInUse1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

# applyServiceBrake

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# badBaliseMessageToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### passedBG\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### errorUnlinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.90. Receive\_TrackSide\_Msg

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### reset

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# API\_TrackSide\_Msg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inActualOdometry

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### - Out Ports

outTrackMessage\_for\_check

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.91. InformationFilter

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inLevel

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inModus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSupervisingDevice

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# inPendingL1Transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inPendingL2L3Transition

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

in Pending Ack Of Train Data From RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inEmergencyStopAccepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in Last Ack Text Message Id

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in Pending NTCT ransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inActiveCab

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# inTrainDataValid

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inFilterEvents

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# outAcceptedMessage

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outMessage

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### out Packets For ML

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.92. validateDataDirection

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inLRBG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inPositionedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainPosition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.93. CheckEuroRadioMessage

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# rtmMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### tNvContact

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# lastRelevantEventTimestamp

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### connectionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### activateCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# checkedMessage

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### radioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### tNvContactError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# other Timing Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.94. changeLevelByDiver1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### levelData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### lasttNTC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

# ML\_levelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# updatedNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.95. doDriverRequests1

Description : Hypothesis :

Scope: Internal

Name	Description	
Internal Failure	Default local event corresponding to a block internal failure	

inDriverRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outDriverRequestToModes

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# out Driver Request To Levels

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ${\bf 3.96.}\ receive Requests \textbf{Modes And Level 1}$

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

fromDMI\_driverRequest

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

# fromDMI\_lcon\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# fromDMI\_TextMsg\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

forModesAndLevel

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### outStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# out Driver Request To Levels

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.97. triggerForMA1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

 $from DMI\_driver Request$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

outForMA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.98. updateDMIStatus1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

oldStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### fromDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### snd Validation Requested

Nar	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

newStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.99. getTIUStatusFromData

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inTIUActualData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.100. mergeTIU\_Info

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### newInfo

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### storedInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

updatedInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.101. selectTrainData

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### newTIUTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

#### outTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.102. SoM\_NTC\_SN

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

 $Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $3.103. SoM\_SR\_FS\_OS\_LS\_SH\_SN\_UN$

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

 $Status\_MA\_FS\_SR\_OS\_LS\_SH\_from\_MA\_L2\_Management$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

request\_MA\_FS\_SR\_OS\_LS\_SH\_to\_MA\_L2\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

request\_Mode\_Change\_SB\_to\_FS\_to\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.104. processHandingOver

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# morcStatus\_1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# morcStatus\_2

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dataFromTrack\_in

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### BGs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

sessionCmds\_2\_MoRC\_1

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### sessionCmds\_2\_MoRC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $sendPositionReport\_2\_handingOverRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# sendPositionReport\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sendTrainData\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### bufferInformationFromAcceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

supervisingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# use Information From Accepting RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# handingOverMobile\_is\_mobile\_1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainPassesA\_RBC\_RBC\_border\_WithItsFrontEnd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.105. MoRC\_Main\_v21

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

msg\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# at Power Up Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

mobile Registration Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# mobile Connection Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# sendAPositionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### safeRadioIndication

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# mobileRegistrationCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### memorize The Last Radio Network ID

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### lastReceivedRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.106. MoRC\_Main\_v22

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

msg\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# at Power Up Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

mobile Registration Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# mobile Connection Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# sendAPositionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### safeRadioIndication

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# mobileRegistrationCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### lastReceivedRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.107. mobileDataRouter\_out

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### dataToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# positionReport\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainData\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# morcMsgToRBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# morcMsgToRBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# useInformationFromAcceptingRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

handingOverRBC\_is\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# sendPositionReport\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $sendPositionReport\_2\_handingOverRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# sendPositionReport\_2\_RBC\_1

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### sendPositionReport\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $send Train Data\_2\_accepting RBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

data\_2\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### data\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.108. InputWrapper

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

TrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### dataFromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

mrsp\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# mrsp\_update\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### ma\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ma\_update\_out

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# gp\_out

Na	me	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

gp\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.109. ABrakeFactory

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# aBrakeService

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.110. TargetManagement

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MRSP

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MRSP\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### MA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MA\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# - Out Ports

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.111. CalcBrakingCurves

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# A\_Safe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# A\_Expected

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.112. LimitLocations

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MRSP\_Profile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MA

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainData\_int

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### - Out Ports

### speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### locations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MostRestrictiveDisplayedTarget

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### FLOIisSBI1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# **3.113. Commands**

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# allTargets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainLocations

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### locations

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### mrdt

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# floilsSB1

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

MLrequestSB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MLrequestEB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### TrainData\_int

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### sdmToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### sdmCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# targetSpeedReached

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# eoaOverpassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### brakeCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.114. AGradient

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### TrainLocations

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### GradientProfile

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# GradientProfile\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainData

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# - Out Ports

# A\_gradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.115. addGradient1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.116. addGradient2

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.117. AddBGToFIFO

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# reportedBGs

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

# reportIsSent

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### posBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.118. AggregatePackets

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### inPacket0

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### inPacket1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inPacket4

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inPacket5

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### outPackets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.119. Build\_Packets0\_1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### posBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# odometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# prvDirTrain

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.120. Build\_SinglePosReport

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# errorMsg

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### in\_packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in\_packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# posRepHeader

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# packet4

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### packet5

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## 3.121. PosReport\_Supervision

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

present

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### posRepParam

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### rbcComm

Nam	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### trackInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

trainPos

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### posBGs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### prvDirTrain

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

trigger

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.122. ReceiveReportParameters

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### present

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### posRepParam

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.123. ErrorManager

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### BG\_LinkingConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### LinkedBG\_MessageConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### $Unlinked BG\_Message Consistency Error$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### RadioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### RadioSafeRadioConnectionError

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

SafetyCriticalFailure

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### DoubleLinkingError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## DoubleRepositioningError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

errorVector

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.124. bothBrakesActive

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

speedSupbrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### levelBrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

brakeCommand

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.125. getTIUStatusFromCommand

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### in\_brake\_command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.126. handleTraction

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

in\_train\_commands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

outTrainCommands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.127. mapModeToTractionCutOff

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### tractionCutOff

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.128. TIU\_OutputIntegration

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### SpeedSup\_brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### in\_brake\_inhibition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### in\_train\_commands

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### in\_change\_traction\_system

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### in\_passenger\_door\_control\_info

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

in\_change\_of\_allowed\_current\_consumption

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outTIU\_to\_API

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### out Command Status for EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.129. calcDistances1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

outLocationKP\_Balise\_Track

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ouDistanceKP\_Balise

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outDistance\_ToTSA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.130. collectDMIPackets1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmi\_dynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### dmi\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### dmi\_evc\_coded\_train\_data

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmi\_text\_message

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

 $dmi\_trackDescription$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### $dmi\_systemVersion$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### dmi\_displayControl

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### dmi\_EVC\_levelData

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### dmi\_EVC\_radioNet

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### dmi\_driverIdentifier

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

dmi\_trainRunningNumber

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmi\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmi\_adhesionFactor

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $system \\ Time$

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### - Out Ports

to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.131. convert\_cm\_s\_km\_h1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

cm\_s

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

km\_h

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.132. copyGradientElement1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

index

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.133. copySpeedProfileElement1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

#### index

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.134. copyTrackDescription1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.135. cyclicReportToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### incurrentDMIStatus

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inTrainPosition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inMovementAuthority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inMoRC\_status

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inNTC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.136. doEntryRequest1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

new\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### sendTrainDataToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### outLevelsNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.137. doldentifierRequest1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

### TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ownVersion

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### - Out Ports

identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.138. isSendingNeeded1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

sendingNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.139. mapEntryForLevel1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.140. mapMoRCtoRadio\_CS1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

outBMI\_CS

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.141. sendBrakesToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.142. sendDynamic1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inMovementAuthority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.143. sendLevelListPkg1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### levelList

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### UpdateLevelsRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### levelDataPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.144. sendTrainData1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### train Data From EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

trainData\_ForDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.145. sendVersion1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### ownVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### dmiStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### VersionPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.146. synchWithDMI1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

dmi\_identifierRequest

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

send\_dmi\_identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### updatedOutputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.147. trainDataStorage

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

N	lame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### trainDatafromTIU

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### train Data from Driver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainDataAckfromDriver

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### eventsForTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## actualTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.148. sendAcknowledgementRBC

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# EVC\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# nidEngine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# RBC\_timeStamp

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## actualStatus

Nam	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inVersion

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.149. checkRadioMessages

**Description:** Hypothesis:

Scope: Internal

## - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

# trackMessages

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## ackReceived

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ackRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.150. sendValidTrainDataRBC

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## evc\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# nidEngine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## actualStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# p0\_positionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# p1\_positionReport

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

# outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.151. linkedBG\_missed

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# position

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# enable

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## indexOfBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## ВG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.152. twoConsecutiveLinkedBGs\_missed

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## missedLinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

secondConsecutiveBG\_missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.153. addAnnouncedBGs

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

# BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## overrun

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.154. calculateBGLocations

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## lastBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## BGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### errors

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# passedPositionedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.155. calculateTrainpositionAttributes

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## trainPositionInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# currentOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

## trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.156. calculateTrainPositionInfo

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# currentOdometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## BGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# recalculateBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# passedBG

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## trainPositionInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## position Calculation Not Consistent

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.157. delDispensableBGs

**Description:** Hypothesis:

Scope: Internal

## - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

BGs\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## deleteBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.158. msg\_2\_passedBG

**Description:** Hypothesis:

Scope: Internal

## - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

msgFromTrack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# BG\_passed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# onlyBGsAnnouncedViaRadio

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.159. Input

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_Messages

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_Packets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_Localisation

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Cab\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# driver\_level\_transition\_In

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## ERTMS\_capabilities\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## start Of Mission Ended

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_MASSPGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

train\_standstill

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# driver\_level\_transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## levelAck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## currentPosition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ERTMS\_capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outStartOfMissionEnded

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

Data\_From\_Track\_to\_Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_DMI\_To\_Mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_F2\_Functions\_to\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## Data\_From\_Localisation\_To\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# Data\_From\_Speed\_and\_Supervision\_To\_Mode

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# Data\_From\_STM\_to\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_TIU\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.160. ManageLevels

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## trainStandstill

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## driverLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# levelAck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## trainPosition

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# **ERTMS**capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## DataFromTrackToLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

MemorizedLevelIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## nextLevel

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TripTrainRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## needs Ack From Driver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## announcedLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# serviceBrakeRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $connection \\ To RBCR equested$

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

positionReportNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## levellsNew

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# isAvailableForUse

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.161. CheckLevelAndMode

**Description:** Hypothesis:

Scope: Internal

## - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

Level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.162. ManageModes

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Current\_Level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Localisation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# TripModeFromLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## currentMode

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# EB\_Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.163. Output

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

next\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TripTrain

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# previous\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## needsAckFromDriver

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# announce\_driver\_selection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## service\_brake\_from\_level

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

LevelsTransitionPositionPassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## currentMode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EB\_Requested\_From\_Mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Service\_Brake\_Command\_From\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## Data\_To\_DMI\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $Data\_To\_BG\_Management\_From\_Mode$

	Name	Feared Events	Feared Events Families	Description
A	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Compatible\_Mode\_And\_Level

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

# Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# EB\_Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## transitionPositionPassed

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.164. TrackAtlasETCS

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MessageIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## ModeAndLevel\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TrainData\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## TrainPositionIn

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# train\_length

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## SystemTime

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

preindicationLocation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $from Driver To MA\_R$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## packet0

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## t\_train

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

bus\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## P203V1\_onboard

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### PermanentDataP003

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# SSP\_available

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## NV\_raw\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## To\_ModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# to\_DMI

	Name	Feared Events	Feared Events Families	Description
Α	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# to\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## MA\_onboard\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

MA\_request\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### bus\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## message147

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ces\_accepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ces\_revoked

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## trip\_train

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# 3.165. F2.9 MoRC\_Main

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### obuEventsAndPhases

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### radioNetworkIDs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## statusOfMobile

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inMessage\_new

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# t\_train\_global

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgBus\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### connectionStatusTimerInterval

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# nid\_engine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## onboardPhoneNumbers

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $on board Phone Numbers\_b$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### m\_version

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $ignore Messages From RBC\_except\_m39\_AckOf Termination Of Communication Session$ 

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### sendAPositionReport

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### cmdsToMobile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### memorizeTheLastRadioNetworkID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### order The Registration Of Its Connected Mobiles

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

rejectOrderToContactRBC\_or\_RIU

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### Inform The Driver That No Connection Was Setup

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### $safe Radio Connection Status\_to Driver$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### mobileSWStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### request The Setup Of AS a fe Radio Connection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## request Release Of Safe Radio Connection With Track side

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## sessionSuccessfullyEstablished

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sessionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## MessageToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgBus\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## ready

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.166. F1 Receive Information from Trackside

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### **RBCBTMIn**

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

TracksideOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.167. Driver

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

Input1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.168. Configuration1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.169. F3 Measure Train Movement

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

OdometryIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

OdometryOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.170. F4 Radio Communication Controller

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

RadioIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

RadioOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# **3.171. F5 Manage JRU**

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## 3.172. F6 DMI Controller

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

DMIIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

**DMIOut** 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.173. F7 TIU Controller

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

TIUIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

**TIUOut** 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.174. F8 Persistent Data

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

PersistentDataIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

PersistentDataOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.175. Driver

**Description:** 

**Hypothesis:** 

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

Input1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.176. Configuration

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - Out Ports

# Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.177. ERTMS Track

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

Input1

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## Input2

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.178. Eurobalise

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

Input1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Output2

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.179. Interlocking

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

## Input1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Input2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

## Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Output2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.180. RBC

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# Input1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Input2

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

# Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Output2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Output3

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.181. Train

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Input1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.182. Train Movement

**Description:** 

Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - Out Ports

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.183. Input

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_Track\_Messages

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_Packets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_Localisation

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Cab\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## driver\_level\_transition\_In

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ERTMS\_capabilities\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### start Of Mission Ended

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_MASSPGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

train\_standstill

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### levelAck

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outStartOfMissionEnded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# driver\_level\_transition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ERTMS\_capabilities

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

Data\_From\_Track\_to\_Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_DMI\_To\_Mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_F2\_Functions\_to\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### Data\_From\_Localisation\_To\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# Data\_From\_Speed\_and\_Supervision\_To\_Mode

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## Data\_From\_STM\_to\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_TIU\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.184. ManageLevels

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### trainStandstill

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### levelAck

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# driverLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainPosition

	Name	Feared Events	Feared Events Families	Description
Α	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## **ERTMS**capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## DataFromTrackToLevel

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

MemorizedLevelIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## TripTrainRequested

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### needsAckFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## serviceBrakeRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### nextLevel

	Name	Feared Events	Feared Events Families	Description
Α	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## announced\_level\_transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## positionReportNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

levellsNew

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## isAvailableForUse

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### announcedLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# connection To RBCR equested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.185. CheckLevelAndMode

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.186. ManageModes

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Current\_Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_From\_Localisation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## TripModeFromLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## EB\_Requested

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentMode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.187. Output

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### needsAckFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### service\_brake\_from\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### LevelsTransitionPositionPassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EB\_Requested\_From\_Mode

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## Service\_Brake\_Command\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

next\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TripTrain

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# previous\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### MemorizedLevelIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### announce\_driver\_selection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### currentMode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_To\_DMI\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EB\_Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### transitionPositionPassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Compatible\_Mode\_And\_Level

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.188. CaseLinkingInUse1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

storedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### errorLinkedBG

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.189. CaseLinkingNotInUse1

Description : Hypothesis :

Scope: Internal

# - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# applyServiceBrake

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# badBaliseMessageToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### errorUnlinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.190. Receive\_TrackSide\_Msg

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# API\_TrackSide\_Msg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inActualOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

outTrackMessage\_for\_check

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.191. InformationFilter

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inModus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSupervisingDevice

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inPendingL1Transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inPendingL2L3Transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

in Pending Ack Of Train Data From RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inEmergencyStopAccepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in Last Ack Text Message Id

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# in Pending NTCT ransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inActiveCab

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# inTrainDataValid

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inFilterEvents

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# outAcceptedMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### out Packets For ML

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.192. validateDataDirection

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### inMessage

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inLRBG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inPositionedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.193. CheckEuroRadioMessage

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# rtmMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### tNvContact

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# lastRelevantEventTimestamp

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### connectionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### activateCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# checkedMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### radioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### tNvContactError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# other Timing Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.194. changeLevelByDiver1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### levelData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### lasttNTC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

# ML\_levelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# updatedNTC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Ε				The standard 'erroneous' failure mode

# 3.195. doDriverRequests1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

inDriverRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outDriverRequestToModes

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# out Driver Request To Levels

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ${\bf 3.196.}\ receive Requests Modes And Level 1$

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

fromDMI\_driverRequest

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

# fromDMI\_lcon\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# fromDMI\_TextMsg\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### forModesAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### outStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# out Driver Request To Levels

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.197. triggerForMA1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

### $from DMI\_driver Request$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

outForMA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.198. updateDMIStatus1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

oldStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### fromDMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# snd Validation Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

newStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.199. getTIUStatusFromData

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inTIUActualData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.200. mergeTIU\_Info

**Description:** Hypothesis:

Scope : Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### newInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### storedInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

updatedInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### 3.201. selectTrainData

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### newTIUTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### outTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.202. SoM\_NTC\_SN

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

 $Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.203. SoM\_SR\_FS\_OS\_LS\_SH\_SN\_UN

**Description:** 

**Hypothesis:** 

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

Status\_MA\_FS\_SR\_OS\_LS\_SH\_from\_MA\_L2\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

request\_MA\_FS\_SR\_OS\_LS\_SH\_to\_MA\_L2\_Management

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

 $request\_Mode\_Change\_SB\_to\_FS\_to\_Level\_and\_Mode\_Management$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.204. processHandingOver

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# morcStatus\_1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# morcStatus\_2

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dataFromTrack\_in

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### BGs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

sessionCmds\_2\_MoRC\_1

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### sessionCmds\_2\_MoRC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $sendPositionReport\_2\_handingOverRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# sendPositionReport\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sendTrainData\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### bufferInformationFromAcceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

supervisingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# use Information From Accepting RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# handingOverMobile\_is\_mobile\_1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainPassesA\_RBC\_RBC\_border\_WithItsFrontEnd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.205. MoRC\_Main\_v21

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

msg\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# at Power Up Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

mobile Registration Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# mobile Connection Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# sendAPositionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### safeRadioIndication

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# mobileRegistrationCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### lastReceivedRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.206. MoRC\_Main\_v22

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

msg\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# at Power Up Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

mobile Registration Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# mobile Connection Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# sendAPositionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### safeRadioIndication

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# mobileRegistrationCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### lastReceivedRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### notReady

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.207. mobileDataRouter\_out

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### dataToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# positionReport\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainData\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# morcMsgToRBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# morcMsgToRBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# useInformationFromAcceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

handingOverRBC\_is\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# sendPositionReport\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $sendPositionReport\_2\_handingOverRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# sendPositionReport\_2\_RBC\_1

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### sendPositionReport\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $send Train Data\_2\_accepting RBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

data\_2\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### data\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.208. InputWrapper

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

TrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### dataFromTrackAtlas

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

mrsp\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mrsp\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ma\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ma\_update\_out

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# gp\_out

Na	me	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

gp\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.209. ABrakeFactory

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### trainData

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# aBrakeService

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.210. TargetManagement

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MRSP

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# MRSP\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### MA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MA\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# - Out Ports

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.211. CalcBrakingCurves

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# A\_Safe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### A\_Expected

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### - Out Ports

#### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.212. LimitLocations

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MRSP\_Profile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MA

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainData\_int

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### - Out Ports

### speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### locations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MostRestrictiveDisplayedTarget

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### FLOIisSBI1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# **3.213. Commands**

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# allTargets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### locations

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### mrdt

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# floilsSB1

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

MLrequestSB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MLrequestEB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### TrainData\_int

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### sdmToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### sdmCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetSpeedReached

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# eoaOverpassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### brakeCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.214. AGradient

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### GradientProfile

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# GradientProfile\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainData

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# - Out Ports

# A\_gradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.215. addGradient1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

#### aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.216. addGradient2

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.217. AddBGToFIFO

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# reportIsSent

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# posBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.218. AggregatePackets

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### inPacket0

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### inPacket1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inPacket4

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inPacket5

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outPackets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.219. Build\_Packets0\_1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### posBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# odometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# prvDirTrain

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

packet0

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.220. Build\_SinglePosReport

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# errorMsg

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### in\_packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in\_packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

posRepHeader

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### packet4

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### packet5

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.221. PosReport\_Supervision

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

present

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# posRepParam

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### rbcComm

Nam	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### trackInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### train2trackStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### modeLevelStatus

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# posBGs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### prvDirTrain

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

trigger

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.222. ReceiveReportParameters

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

reportedBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# present

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# posRepParam

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.223. ErrorManager

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# BG\_LinkingConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# LinkedBG\_MessageConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $Unlinked BG\_Message Consistency Error$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# RadioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### RadioSafeRadioConnectionError

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

SafetyCriticalFailure

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# DoubleLinkingError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ${\color{blue} Double Repositioning Error}$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

### errorVector

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.224. bothBrakesActive

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

speedSupbrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### levelBrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.225. getTIUStatusFromCommand

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in\_brake\_command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.226. handleTraction

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

in\_train\_commands

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

outTrainCommands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.227. mapModeToTractionCutOff

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# tractionCutOff

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.228. TIU\_OutputIntegration

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# SpeedSup\_brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in\_brake\_inhibition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### in\_train\_commands

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# in\_change\_traction\_system

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### in\_passenger\_door\_control\_info

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

in\_change\_of\_allowed\_current\_consumption

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outTIU\_to\_API

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### out Command Status for EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.229. calcDistances1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

### inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

outLocationKP\_Balise\_Track

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ouDistanceKP\_Balise

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outDistance\_ToTSA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.230. collectDMIPackets1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dmi\_dynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_evc\_coded\_train\_data

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmi\_text\_message

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

 $dmi\_trackDescription$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $dmi\_systemVersion$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_displayControl

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### dmi\_EVC\_levelData

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# dmi\_EVC\_radioNet

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_driverIdentifier

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

dmi\_trainRunningNumber

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ${\sf dmi\_adhesionFactor}$

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $system \\ Time$

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# - Out Ports

to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.231. convert\_cm\_s\_km\_h1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

cm\_s

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

km\_h

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.232. copyGradientElement1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

index

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.233. copySpeedProfileElement1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

### index

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.234. copyTrackDescription1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.235. cyclicReportToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inTrainPosition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in Speed Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## in Movement Authority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inMoRC\_status

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.236. doEntryRequest1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in System Time

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

new\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sendTrainDataToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### outLevelsNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.237. doldentifierRequest1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ownVersion

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### - Out Ports

identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.238. isSendingNeeded1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

sendingNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.239. mapEntryForLevel1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.240. mapMoRCtoRadio\_CS1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

outBMI\_CS

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### 3.241. sendBrakesToDMI1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

# dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.242. sendDynamic1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inOdometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inMovementAuthority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inNTC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.243. sendLevelListPkg1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### levelList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# UpdateLevelsRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# - Out Ports

## levelDataPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.244. sendTrainData1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainDataFromEVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

trainData\_ForDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.245. sendVersion1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### ownVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### dmiStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

# VersionPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.246. synchWithDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

dmi\_identifierRequest

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

send\_dmi\_identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# updatedOutputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.247. trainDataStorage

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### trainDatafromTIU

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### train Data from Driver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainDataAckfromDriver

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### eventsForTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### actualTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.248. sendAcknowledgementRBC

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# EVC\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# nidEngine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# RBC\_timeStamp

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### actualStatus

Nam	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inVersion

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.249. checkRadioMessages

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

# trackMessages

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### actualStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ackReceived

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ackRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.250. sendValidTrainDataRBC

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### evc\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# nidEngine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### actualStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# p0\_positionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# p1\_positionReport

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

# outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.251. linkedBG\_missed

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# position

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# enable

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### missed

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### indexOfBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ВG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.252. twoConsecutiveLinkedBGs\_missed

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### missedLinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

secondConsecutiveBG\_missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.253. addAnnouncedBGs

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

# BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### overrun

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.254. calculateBGLocations

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### lastBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### BGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### errors

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# passedPositionedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.255. calculateTrainpositionAttributes

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### trainPositionInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# currentOdometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

#### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.256. calculateTrainPositionInfo

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# currentOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### BGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# recalculateBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# passedBG

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainPositionInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### position Calculation Not Consistent

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.257. delDispensableBGs

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### deleteBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.258. msg\_2\_passedBG

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

msgFromTrack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# BG\_passed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# onlyBGsAnnouncedViaRadio

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.259. Input

Description : Hypothesis :

Scope: Internal

Name	Description	
Internal Failure	Default local event corresponding to a block internal failure	

Data\_From\_DMI

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_Track\_Messages

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_Packets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_Localisation

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Cab\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### driver\_level\_transition\_In

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ERTMS\_capabilities\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### start Of Mission Ended

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_MASSPGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

train\_standstill

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### driver\_level\_transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### levelAck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentPosition

Nam	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### ERTMS\_capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outStartOfMissionEnded

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

Data\_From\_Track\_to\_Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_DMI\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_F2\_Functions\_to\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### Data\_From\_Localisation\_To\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# Data\_From\_Speed\_and\_Supervision\_To\_Mode

	Name	Feared Events	Feared Events Families	Description
A	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### Data\_From\_STM\_to\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_TIU\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.260. ManageLevels

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### trainStandstill

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### driverLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# levelAck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainPosition

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### **ERTMS**capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### DataFromTrackToLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

MemorizedLevelIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### nextLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### TripTrainRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### needs Ack From Driver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### announcedLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### serviceBrakeRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $connection \\ To RBCR equested$

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

positionReportNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### levellsNew

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### isAvailableForUse

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.261. CheckLevelAndMode

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

Level

Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.262. ManageModes

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Current\_Level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_Localisation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### TripModeFromLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentMode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### EB\_Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.263. Output

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

next\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### TripTrain

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### previous\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### needsAckFromDriver

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### announce\_driver\_selection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### service\_brake\_from\_level

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

LevelsTransitionPositionPassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentMode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EB\_Requested\_From\_Mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Service\_Brake\_Command\_From\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### Data\_To\_DMI\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $Data\_To\_BG\_Management\_From\_Mode$

	Name	Feared Events	Feared Events Families	Description
A	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Compatible\_Mode\_And\_Level

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

### Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### EB\_Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### transitionPositionPassed

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.264. TrackAtlasETCS

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### MessageIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ModeAndLevel\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### TrainData\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### TrainPositionIn

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# train\_length

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### SystemTime

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

preindicationLocation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $from Driver To MA\_R$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### packet0

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### t\_train

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

bus\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# P203V1\_onboard

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### PermanentDataP003

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# SSP\_available

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### NV\_raw\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### To\_ModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# to\_DMI

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# to\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### MA\_onboard\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

MA\_request\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### bus\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### message147

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ces\_accepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### ces\_revoked

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# trip\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.265. F2.9 MoRC\_Main

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### obuEventsAndPhases

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### radioNetworkIDs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### statusOfMobile

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inMessage\_new

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# t\_train\_global

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgBus\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### connectionStatusTimerInterval

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# nid\_engine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### onboardPhoneNumbers

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

onboardPhoneNumbers\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### m\_version

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $ignore Messages From RBC\_except\_m39\_AckOf Termination Of Communication Session$ 

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### sendAPositionReport

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### cmdsToMobile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### memorizeTheLastRadioNetworkID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### order The Registration Of Its Connected Mobiles

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

rejectOrderToContactRBC\_or\_RIU

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### Inform The Driver That No Connection Was Setup

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### $safe Radio Connection Status\_to Driver$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### mobileSWStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### request The Setup Of AS a fe Radio Connection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### request Release Of Safe Radio Connection With Track side

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### sessionSuccessfullyEstablished

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sessionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### MessageToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgBus\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ready

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.266. F1 Receive Information from Trackside

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### **RBCBTMIn**

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

TracksideOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.267. Driver

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

Input1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.268. Configuration1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Output1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.269. F3 Measure Train Movement

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

OdometryIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

OdometryOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.270. F4 Radio Communication Controller

**Description:** Hypothesis:

Scope: Internal

Name	Description	
Internal Failure	Default local event corresponding to a block internal failure	

RadioIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

RadioOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# **3.271. F5 Manage JRU**

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description	
Internal Failure	Default local event corresponding to a block internal failure	

### 3.272. F6 DMI Controller

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

DMIIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

**DMIOut** 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.273. F7 TIU Controller

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

TIUIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

**TIUOut** 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.274. F8 Persistent Data

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### PersistentDataIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

# PersistentDataOut

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.275. processHandingOver

**Description:** 

**Hypothesis:** 

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### morcStatus\_1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### morcStatus\_2

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dataFromTrack\_in

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### BGs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

sessionCmds\_2\_MoRC\_1

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### sessionCmds\_2\_MoRC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $sendPositionReport\_2\_handingOverRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## sendPositionReport\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## sendTrainData\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## bufferInformation From Accepting RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

supervisingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## use Information From Accepting RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## handingOverMobile\_is\_mobile\_1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $trainPasses A\_RBC\_RBC\_border\_WithItsFrontEnd$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### notReady

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## 3.276. MoRC\_Main\_v21

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

msg\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## at Power Up Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

mobile Registration Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## mobile Connection Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## msgToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## sendAPositionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### safeRadioIndication

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## mobileRegistrationCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### lastReceivedRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.277. MoRC\_Main\_v22

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

msg\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## at Power Up Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

mobile Registration Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## mobile Connection Context

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## msgToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## sendAPositionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### safeRadioIndication

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## mobileRegistrationCmd

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### lastReceivedRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### notReady

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## 3.278. mobileDataRouter\_out

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### dataToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## positionReport\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainData\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## morcMsgToRBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## morcMsgToRBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## useInformationFromAcceptingRBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

handingOverRBC\_is\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## sendPositionReport\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $sendPositionReport\_2\_handingOverRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## sendPositionReport\_2\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sendPositionReport\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $sendTrainData\_2\_acceptingRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

data\_2\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### data\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.279. CaseLinkingInUse1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

storedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### q\_nvlocacc

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E	<u> </u>			The standard 'erroneous' failure mode

passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### errorLinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.280. CaseLinkingNotInUse1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## applyServiceBrake

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## badBaliseMessageToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### errorUnlinkedBG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.281. AddBGToFIFO

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### reportIsSent

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### posBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

### out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.282. AggregatePackets

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### inPacket0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inPacket1

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
U	l			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### inPacket4

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### inPacket5

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

### outPackets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.283. Build\_Packets0\_1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### posBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## odometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## prvDirTrain

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.284. Build\_SinglePosReport

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## errorMsg

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in\_packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## in\_packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

posRepHeader

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### packet4

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### packet5

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.285. PosReport\_Supervision

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

present

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## posRepParam

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### rbcComm

Nam	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### trackInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### train2trackStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## odometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### modeLevelStatus

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## posBGs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### prvDirTrain

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

trigger

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.286. ReceiveReportParameters

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inMessage

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### present

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## posRepParam

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.287. ErrorManager

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## BG\_LinkingConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## LinkedBG\_MessageConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $Unlinked BG\_Message Consistency Error$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## RadioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### RadioSafeRadioConnectionError

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

SafetyCriticalFailure

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## DoubleLinkingError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## DoubleRepositioningError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

errorVector

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.288. calcDistances1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

outLocationKP\_Balise\_Track

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## ouDistanceKP\_Balise

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## outDistance\_ToTSA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.289. collectDMIPackets1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dmi\_dynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_evc\_coded\_train\_data

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dmi\_text\_message

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

 $dmi\_trackDescription$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $dmi\_systemVersion$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_displayControl

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## dmi\_EVC\_levelData

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## dmi\_EVC\_radioNet

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_driverIdentifier

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

dmi\_trainRunningNumber

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dmi\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dmi\_adhesionFactor

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## $system \\ Time$

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## - Out Ports

to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.290. convert\_cm\_s\_km\_h1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

cm\_s

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

km\_h

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.291. copyGradientElement1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

index

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.292. copySpeedProfileElement1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

### index

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.293. copyTrackDescription1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.294. cyclicReportToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description	
Internal Failure	Default local event corresponding to a block internal failure	

### incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inTrainPosition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inMovementAuthority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inNTC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.295. doEntryRequest1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

new\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sendTrainDataToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outLevelsNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.296. doldentifierRequest1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

# TIU\_TrainStatus

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ownVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.297. isSendingNeeded1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

sendingNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.298. mapEntryForLevel1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.299. mapMoRCtoRadio\_CS1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

outBMI\_CS

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.300. sendBrakesToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.301. sendDynamic1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inOdometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inMovementAuthority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inNTC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.302. sendLevelListPkg1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### levelList

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# UpdateLevelsRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# - Out Ports

# levelDataPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.303. sendTrainData1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# train Data From EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

trainData\_ForDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.304. sendVersion1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### ownVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmiStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

# VersionPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.305. synchWithDMI1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

dmi\_identifierRequest

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

send\_dmi\_identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# updatedOutputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.306. CaseLinkingInUse1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### storedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### errorLinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.307. CaseLinkingNotInUse1

Description : Hypothesis :

Scope: Internal

# - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

# trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# applyServiceBrake

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# badBaliseMessageToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### errorUnlinkedBG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.308. Receive\_TrackSide\_Msg

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# API\_TrackSide\_Msg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inActualOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

outTrackMessage\_for\_check

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.309. InformationFilter

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSupervisingDevice

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# inPendingL1Transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inPendingL2L3Transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in Pending Ack Of Train Data From RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inEmergencyStopAccepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inLastAckTextMessageId

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inPendingNTCTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inActiveCab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inTrainDataValid

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inMessage

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### inLevel

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### inModus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inFilterEvents

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# outAcceptedMessage

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# outMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### out Packets For ML

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.310. validateDataDirection

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### inMessage

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

#### inLRBG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inPositionedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.311. CheckEuroRadioMessage

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### activateCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# rtmMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# tNvContact

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# lastRelevantEventTimestamp

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### connectionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

radioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### tNvContactError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# other Timing Error

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# checkedMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.312. changeLevelByDiver1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### levelData

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### lasttNTC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

# ML\_levelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# updatedNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.313. doDriverRequests1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

inDriverRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

outDriverRequestToLevels

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# out Driver Request To Modes

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.314. receiveRequestsModesAndLevel1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

fromDMI\_driverRequest

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

# fromDMI\_lcon\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# fromDMI\_TextMsg\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

outDriverRequestToLevels

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### forModesAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.315. triggerForMA1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

 $from DMI\_driver Request$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### outForMA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.316. updateDMIStatus1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

# sndValidationRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### oldStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### fromDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

newStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.317. getTIUStatusFromData

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inTIUActualData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.318. mergeTIU\_Info

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### newInfo

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### storedInfo

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

updatedInfo

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Ε				The standard 'erroneous' failure mode

# 3.319. selectTrainData

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### newTIUTrainData

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# in\_train\_commands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

### outTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.320. SoM\_NTC\_SN

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

 $Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# - Out Ports

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.321. SoM\_SR\_FS\_OS\_LS\_SH\_SN\_UN

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

Status\_MA\_FS\_SR\_OS\_LS\_SH\_from\_MA\_L2\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

request\_MA\_FS\_SR\_OS\_LS\_SH\_to\_MA\_L2\_Management

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

request\_Mode\_Change\_SB\_to\_FS\_to\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.322. processHandingOver

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# morcStatus\_1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# morcStatus\_2

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dataFromTrack\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

BGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

sendPositionReport\_2\_handingOverRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## $sendPositionReport\_2\_acceptingRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## sendTrainData\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## bufferInformation From Accepting RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### supervisingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### use Information From Accepting RBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

handingOverMobile\_is\_mobile\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## $train Passes A\_RBC\_RBC\_border\_With Its Front End$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## sessionCmds\_2\_MoRC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sessionCmds\_2\_MoRC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.323. MoRC\_Main\_v21

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### msg\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## atPowerUpRadioNetworkID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## mobileRegistrationContext

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## mobileConnectionContext

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### t\_train

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## sendAPositionReport

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## notReady

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## msgToRBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### safeRadioIndication

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## mobileRegistrationCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### lastReceivedRadioNetworkID

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## 3.324. MoRC\_Main\_v22

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### msg\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## atPowerUpRadioNetworkID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## mobileRegistrationContext

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## mobileConnectionContext

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### t\_train

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## sendAPositionReport

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## notReady

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## msgToRBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### safeRadioIndication

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## mobileRegistrationCmd

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### lastReceivedRadioNetworkID

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## 3.325. mobileDataRouter\_out

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

useInformationFromAcceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## handingOverRBC\_is\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $sendPositionReport\_2\_acceptingRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $sendPositionReport\_2\_handingOverRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sendPositionReport\_2\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### sendPositionReport\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

sendTrainData\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dataToRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## positionReport\_in

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### trainData\_in

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# $morcMsgToRBC\_1$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## morcMsgToRBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

data\_2\_RBC\_1

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### data\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.326. InputWrapper

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

TrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### dataFromTrackAtlas

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

mrsp\_update\_out

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### ma\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mrsp\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ma\_out

	Name	Feared Events	Feared Events Families	Description
Α	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## gp\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

gp\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.327. ABrakeFactory

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## aBrakeService

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.328. TargetManagement

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## MRSP\_updated

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## MA\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### MRSP

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### MA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainLocations

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## - Out Ports

## targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.329. CalcBrakingCurves

**Description:** Hypothesis:

Scope: Internal

## - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### A\_Expected

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## A\_Safe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.330. LimitLocations

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## MRSP\_Profile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

	Name	Feared Events	Feared Events Families	Description
Α	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## MA

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## trainData\_int

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### - Out Ports

### FLOIisSBI1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### locations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Most Restrictive Displayed Target

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## **3.331. Commands**

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## floilsSB1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## allTargets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### locations

	Name	Feared Events	Feared Events Families	Description
Α	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### mrdt

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## MLrequestEB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## MLrequestSB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## TrainData\_int

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## targetSpeedReached

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

## eoaOverpassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sdmCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sdmToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### brakeCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.332. AGradient

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## GradientProfile\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### GradientProfile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## - Out Ports

## A\_gradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.333. addGradient1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.334. addGradient2

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### aGradient

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.335. AddBGToFIFO

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reportIsSent

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## reportedBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## posBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.336. AggregatePackets

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### inPacket0

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### inPacket1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inPacket4

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inPacket5

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

#### outPackets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.337. Build\_Packets0\_1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## posBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

prvDirTrain

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

packet0

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.338. Build\_SinglePosReport

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## errorMsg

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## trainProps

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in\_packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in\_packet1

	Name	Feared Events	Feared Events Families	Description
Α	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

posRepHeader

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### packet0

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### packet4

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### packet5

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.339. PosReport\_Supervision

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### rbcComm

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## posRepParam

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### present

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

trackInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainPos

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## posBGs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### prvDirTrain

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## reportedBGs

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

trigger

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### posRep

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.340. ReceiveReportParameters

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

### reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inMessage

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### - Out Ports

# out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# present

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### posRep

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# posRepParam

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.341. ErrorManager

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# BG\_LinkingConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# LinkedBG\_MessageConsistencyError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $Unlinked BG\_Message Consistency Error$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# RadioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### RadioSafeRadioConnectionError

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

SafetyCriticalFailure

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# DoubleLinkingError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ${\color{blue} Double Repositioning Error}$

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### - Out Ports

errorVector

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.342. bothBrakesActive

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

speedSupbrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### levelBrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.343. getTIUStatusFromCommand

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in\_brake\_command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.344. handleTraction

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### in\_train\_commands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outTrainCommands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.345. mapModeToTractionCutOff

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# - Out Ports

# tractionCutOff

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.346. TIU\_OutputIntegration

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# SpeedSup\_brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in\_brake\_inhibition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### in\_train\_commands

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# in\_change\_traction\_system

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### in\_passenger\_door\_control\_info

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

in\_change\_of\_allowed\_current\_consumption

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outTIU\_to\_API

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### out Command Status for EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.347. calcDistances1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

outLocationKP\_Balise\_Track

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ouDistanceKP\_Balise

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outDistance\_ToTSA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.348. collectDMIPackets1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dmi\_dynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_evc\_coded\_train\_data

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmi\_text\_message

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

 $dmi\_trackDescription$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $dmi\_systemVersion$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_displayControl

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### dmi\_EVC\_levelData

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# dmi\_EVC\_radioNet

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_driverIdentifier

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

dmi\_trainRunningNumber

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dmi\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_adhesionFactor

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $system \\ Time$

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# - Out Ports

to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.349. convert\_cm\_s\_km\_h1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

cm\_s

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

km\_h

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.350. copyGradientElement1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# dmiUpdateLevelsDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_fromBG$

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in System Time

Nam	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### in Brake Command

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in Movement Authority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inRadioConnectionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### train Data From EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_evc\_coded\_train\_data

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# $dmi\_trackDescription$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# dmi\_displayControl

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dmi\_EVC\_levelList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $dmi\_EVC\_radioNet$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dmi\_driverIdentifier

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $dmi\_trainRunningNumber$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### dmi\_adhesionFactor

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### $dmi\_fromModesAndLevel$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### index

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.351. copySpeedProfileElement1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### index

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### fromTrackAtlas

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
U	l			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### - Out Ports

### fromDMI\_TrainDataAck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### toDMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.352. copyTrackDescription1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in System Time

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
U	l			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### - Out Ports

toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.353. cyclicReportToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### incurrentDMIStatus

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inTrainPosition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in Speed Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inMovementAuthority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inNTC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.354. doEntryRequest1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### sendTrainDataToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# new\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### outLevelsNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.355. doldentifierRequest1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ownVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.356. isSendingNeeded1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

sendingNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.357. mapEntryForLevel1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.358. mapMoRCtoRadio\_CS1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outBMI\_CS

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.359. sendBrakesToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# brakeCommand

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# in System Time

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.360. sendDynamic1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inModeLevel\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inNationalValues

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $in MoRC\_status$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inMovementAuthority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# - Out Ports

# packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.361. sendLevelListPkg1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

UpdateLevelsRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### levelList

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in System Time

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

levelDataPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.362. sendTrainData1

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainDataFromEVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

trainData\_ForDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.363. sendVersion1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### ownVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmiStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

# VersionPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.364. synchWithDMI1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# outputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

updatedOutputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# send\_dmi\_identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.365. trainDataStorage

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### eventsForTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainDatafromTIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainDatafromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### train Data Ack from Driver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### updatedStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### actualTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.366. sendAcknowledgementRBC

Description : Hypothesis :

Scope: Internal

Name	Description	
Internal Failure	Default local event corresponding to a block internal failure	

### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### EVC\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### nidEngine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# RBC\_timeStamp

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inVersion

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.367. checkRadioMessages

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

#### actualStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trackMessages

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ackReceived

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ackRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.368. sendValidTrainDataRBC

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### evc\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# nidEngine

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# p0\_positionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# p1\_positionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.369. linkedBG\_missed

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### enable

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### position

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# BGs\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### missed

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### indexOfBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ВG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.370. twoConsecutiveLinkedBGs\_missed

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### msgFromTrack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### missedLinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

secondConsecutiveBG\_missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.371. addAnnouncedBGs

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainProperties

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### overrun

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.372. calculateBGLocations

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### lastBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### BGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### errors

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### passedPositionedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.373. calculateTrainpositionAttributes

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### trainPositionInfo

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### currentOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

#### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### 3.374. calculateTrainPositionInfo

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### recalculateBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### BGs

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

positionCalculationNotConsistent

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

#### trainPositionInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.375. delDispensableBGs

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

deleteBG

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.376. msg\_2\_passedBG

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

msgFromTrack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# BG\_passed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# onlyBGsAnnouncedViaRadio

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.377. Input

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_Track\_Messages

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_Packets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_Localisation

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Cab\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### driver\_level\_transition\_In

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ERTMS\_capabilities\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### start Of Mission Ended

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_MASSPGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

train\_standstill

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### levelAck

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### outStartOfMissionEnded

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# driver\_level\_transition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ERTMS\_capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

Data\_From\_Track\_to\_Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_DMI\_To\_Mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_F2\_Functions\_to\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### Data\_From\_Localisation\_To\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# Data\_From\_Speed\_and\_Supervision\_To\_Mode

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### Data\_From\_STM\_to\_Mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_TIU\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.378. ManageLevels

Description : Hypothesis :

Scope: Internal

Name	Description	
Internal Failure	Default local event corresponding to a block internal failure	

### trainStandstill

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### levelAck

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# driverLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainPosition

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### **ERTMS**capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### DataFromTrackToLevel

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

MemorizedLevelIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### TripTrainRequested

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### needsAckFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### serviceBrakeRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### nextLevel

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### announced\_level\_transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### positionReportNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

levellsNew

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### isAvailableForUse

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### announcedLevelTransition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### connection To RBCR equested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.379. CheckLevelAndMode

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.380. ManageModes

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Current\_Level

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_Localisation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### TripModeFromLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### EB\_Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentMode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.381. Output

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### needsAckFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### service\_brake\_from\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### LevelsTransitionPositionPassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EB\_Requested\_From\_Mode

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### Service\_Brake\_Command\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

next\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TripTrain

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# previous\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### MemorizedLevelIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### announce\_driver\_selection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### currentMode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_To\_DMI\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EB\_Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### transitionPositionPassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Compatible\_Mode\_And\_Level

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.382. TrackAtlasETCS

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### TrainData\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $from Driver To MA\_R$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MessageIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ModeAndLevel\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### TrainPositionIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### train\_length

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# SystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## preindicationLocation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# odometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### packet0

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

P203V1\_onboard

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# PermanentDataP003

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# bus\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# To\_ModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# to\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MA\_onboard\_out

	Name	Feared Events	Feared Events Families	Description
Α	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# ces\_accepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ces\_revoked

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

trip\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## NV\_raw\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MA\_request\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# message147

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## SSP\_available

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# bus\_out

	Name	Feared Events	Feared Events Families	Description
A	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# 3.383. F2.9 MoRC\_Main

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### obuEventsAndPhases

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## radioNetworkIDs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### statusOfMobile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### connectionStatusTimerInterval

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inMessage\_new

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# t\_train

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# t\_train\_global

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# msgBus\_in

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# nid\_engine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# onboardPhoneNumbers

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $on board Phone Numbers\_b$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## m\_version

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $ignore Messages From RBC\_except\_m39\_AckOf Termination Of Communication Session$ 

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

### sendAPositionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### cmdsToMobile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### memorizeTheLastRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### order The Registration Of Its Connected Mobiles

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

Inform The Driver That No Connection Was Setup

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### $safe Radio Connection Status\_to Driver$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mobileSWStatus

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# request The Setup Of AS a feRadio Connection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### request Release Of Safe Radio Connection With Track side

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# session Successfully Established

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ready

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentRadioNetworkID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sessionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MessageToRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgBus\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.384. processHandingOver

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# morcStatus\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# morcStatus\_2

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dataFromTrack\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

BGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

sendPositionReport\_2\_handingOverRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### sendPositionReport\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# sendTrainData\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# bufferInformation From Accepting RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## supervisingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### use Information From Accepting RBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

handingOverMobile\_is\_mobile\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### $train Passes A\_RBC\_RBC\_border\_With Its Front End$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# notReady

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sessionCmds\_2\_MoRC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### sessionCmds\_2\_MoRC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.385. MoRC\_Main\_v21

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## msg\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# atPowerUpRadioNetworkID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# mobileRegistrationContext

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# mobileConnectionContext

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### t\_train

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# sendAPositionReport

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# msgToRBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### safeRadioIndication

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# mobileRegistrationCmd

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### lastReceivedRadioNetworkID

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.386. MoRC\_Main\_v22

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### eventsAndPhases

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## msg\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# atPowerUpRadioNetworkID

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## newRadioNetworkIDFromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# mobileRegistrationContext

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# mobileConnectionContext

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### t\_train

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# configData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# sendAPositionReport

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# rejectOrderToContactRBC\_or\_RIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in fom Driver No Compatible Version Supported

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### memorize The Last Radio Network ID

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# notReady

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# msgToRBC

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### safeRadioIndication

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### mobileConnectionCmd

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# mobile Registration Cmd

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### lastReceivedRadioNetworkID

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.387. mobileDataRouter\_out

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

useInformationFromAcceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# handingOverRBC\_is\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $sendPositionReport\_2\_acceptingRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $sendPositionReport\_2\_handingOverRBC$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### sendPositionReport\_2\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### sendPositionReport\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

sendTrainData\_2\_acceptingRBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# sessionManagementAbility

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# dataToRBC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# positionReport\_in

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### trainData\_in

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# $morcMsgToRBC\_1$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# morcMsgToRBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

data\_2\_RBC\_1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### data\_2\_RBC\_2

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.388. InputWrapper

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

TrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dataFromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

mrsp\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### mrsp\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ma\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ma\_update\_out

	Name	Feared Events	Feared Events Families	Description
Α	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# gp\_out

Na	me	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

gp\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.389. ABrakeFactory

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# aBrakeService

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.390. TargetManagement

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MRSP

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# MRSP\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### MA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MA\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# - Out Ports

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.391. CalcBrakingCurves

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# A\_Safe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# A\_Expected

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.392. LimitLocations

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MRSP\_Profile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainData\_int

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

## speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### locations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MostRestrictiveDisplayedTarget

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## FLOIisSBI1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# **3.393. Commands**

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# allTargets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainLocations

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### locations

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

### mrdt

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# floilsSB1

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

MLrequestSB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## MLrequestEB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### TrainData\_int

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### sdmToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### sdmCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## targetSpeedReached

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## eoaOverpassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### brakeCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.394. AGradient

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### GradientProfile

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## GradientProfile\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainData

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

## A\_gradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.395. addGradient1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.396. addGradient2

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.397. getTIUStatusFromData

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

#### inTIUActualData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.398. mergeTIU\_Info

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### newInfo

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E	<u> </u>			The standard 'erroneous' failure mode

#### storedInfo

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### EVC\_trainData

Nar	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

updatedInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.399. selectTrainData

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

newTIUTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

outTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.400. SoM\_NTC\_SN

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

 $Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.401. SoM\_SR\_FS\_OS\_LS\_SH\_SN\_UN

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

Status\_MA\_FS\_SR\_OS\_LS\_SH\_from\_MA\_L2\_Management

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### - Out Ports

request\_MA\_FS\_SR\_OS\_LS\_SH\_to\_MA\_L2\_Management

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

request\_Mode\_Change\_SB\_to\_FS\_to\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.402. changeLevelByDiver1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### levelData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### **lasttNTC**

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### - Out Ports

## ML\_levelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## updatedNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.403. doDriverRequests1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### inDriverRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

## out Driver Request To Levels

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### out Driver Request To Modes

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ${\bf 3.404.}\ receive Requests Modes And Level 1$

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

## fromDMI\_driverRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## fromDMI\_lcon\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## fromDMI\_TextMsg\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in System Time

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

outDriverRequestToLevels

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

#### forModesAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### outStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.405. triggerForMA1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

fromDMI\_driverRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

outForMA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.406. updateDMIStatus1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

sndValidationRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### oldStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### fromDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### newStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## **3.407. Abstract**

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## API\_fromAPI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### dmiStatusReset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## InSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## fromDMI\_TrainData

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## $from DMI\_Train Data Ack$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## outUpdateLevelsDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### outStatusList

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### CurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### updatedNTC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

 $from DMI\_Train Running Number$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Local Analysis

```
[InSystemTime](A) | [inStatusList](A) | [API fromAPI](A) | [dmiStatusReset](A) = [fromDMI TrainData](A)
[inStatusList](U) | [API fromAPI](U) | [dmiStatusReset](U) | [InSystemTime](U) = [fromDMI TrainData](U)
[inStatusList](E) | [API_fromAPI](E) | [dmiStatusReset](E) | [InSystemTime](E) = [fromDMI_TrainData](E)
[InSystemTime](A) | [inStatusList](A) | [API_fromAPI](A) | [dmiStatusReset](A) = [fromDMI_TrainDataAck](A)
[inStatusList](U) | [API fromAPI](U) | [dmiStatusReset](U) | [InSystemTime](U) = [fromDMI TrainDataAck](U)
[inStatusList](E) | [API_fromAPI](E) | [dmiStatusReset](E) | [InSystemTime](E) = [fromDMI_TrainDataAck](E)
[InSystemTime](A) | [inStatusList](A) | [API_fromAPI](A) | [dmiStatusReset](A) = [outUpdateLevelsDMI](A)
[inStatusList](U) | [API_fromAPI](U) | [dmiStatusReset](U) | [InSystemTime](U) = [outUpdateLevelsDMI](U)
[inStatusList](E) | [API_fromAPI](E) | [dmiStatusReset](E) | [InSystemTime](E) = [outUpdateLevelsDMI](E)
[InSystemTime](A) | [inStatusList](A) | [API fromAPI](A) | [dmiStatusReset](A) = [outStatusList](A)
[inStatusList](U) | [API fromAPI](U) | [dmiStatusReset](U) | [InSystemTime](U) = [outStatusList](U)
[inStatusList](E) | [API_fromAPI](E) | [dmiStatusReset](E) | [InSystemTime](E) = [outStatusList](E)
[InSystemTime](A) | [inStatusList](A) | [API fromAPI](A) | [dmiStatusReset](A) = [CurrentDMIStatus](A)
[inStatusList](U) | [API_fromAPI](U) | [dmiStatusReset](U) | [InSystemTime](U) = [CurrentDMIStatus](U)
[InSystemTime](A) | [inStatusList](A) | [API_fromAPI](A) | [dmiStatusReset](A) = [updatedNTC](A)
[inStatusList](U) | [API_fromAPI](U) | [dmiStatusReset](U) | [InSystemTime](U) = [updatedNTC](U)
[inStatusList](E) | [API_fromAPI](E) | [dmiStatusReset](E) | [InSystemTime](E) = [updatedNTC](E)
[InSystemTime](A) | [inStatusList](A) | [API fromAPI](A) | [dmiStatusReset](A) = [fromDMI TrainRunningNumber](A)
[inStatusList](U) | [API_fromAPI](U) | [dmiStatusReset](U) | [InSystemTime](U) = [fromDMI_TrainRunningNumber](U)
[inStatusList](E) | [API fromAPI](E) | [dmiStatusReset](E) | [InSystemTime](E) = [fromDMI TrainRunningNumber](E)
```

## 3.408. CaseLinkingInUse1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

### storedBGs

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

### errorLinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.409. CaseLinkingNotInUse1

Description : Hypothesis :

Scope: Internal

## - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

applyServiceBrake

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## badBaliseMessageToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### errorUnlinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.410. calcDistances1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### inTrainPosition

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

outLocationKP\_Balise\_Track

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## ouDistanceKP\_Balise

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## outDistance\_ToTSA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.411. collectDMIPackets1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

## TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dmi\_dynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_evc\_coded\_train\_data

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### dmi\_text\_message

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

 $dmi\_trackDescription$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $dmi\_systemVersion$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_displayControl

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### dmi\_EVC\_levelData

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## dmi\_EVC\_radioNet

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_driverIdentifier

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

dmi\_trainRunningNumber

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### dmi\_trainData

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dmi\_adhesionFactor

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## - Out Ports

to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.412. convert\_cm\_s\_km\_h1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

cm\_s

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

km\_h

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.413. copyGradientElement1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

## dmiUpdateLevelsDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## $dmi\_fromBG$

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in System Time

Nam	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### inOdometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### in Brake Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in Movement Authority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inRadioConnectionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### train Data From EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_evc\_coded\_train\_data

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## $dmi\_trackDescription$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## dmi\_displayControl

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dmi\_EVC\_levelList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $dmi\_EVC\_radioNet$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## dmi\_driverIdentifier

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## $dmi\_trainRunningNumber$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### dmi\_adhesionFactor

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

### $dmi\_fromModesAndLevel$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### index

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### outStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.414. copySpeedProfileElement1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

index

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### fromTrackAtlas

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
U	l			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### - Out Ports

fromDMI\_TrainDataAck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### continue

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### toDMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.415. copyTrackDescription1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### fromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

toDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.416. cyclicReportToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## - In Ports

#### incurrentDMIStatus

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inTrainPosition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

inNationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inMovementAuthority

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inMoRC\_status

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inNTC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.417. doEntryRequest1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

dmi\_entryRequest

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### sendTrainDataToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### new\_menuRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### outLevelsNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.418. doldentifierRequest1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

## TIU\_TrainStatus

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ownVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.419. isSendingNeeded1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### incurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

sendingNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.420. mapEntryForLevel1

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

dmi\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

new\_entryRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.421. mapMoRCtoRadio\_CS1

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inMoRC\_status

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

outBMI\_CS

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### 3.422. sendBrakesToDMI1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

dmi\_iconRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.423. sendDynamic1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inTrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSpeedSupervision

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inModeLevel\_Ack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inNationalValues

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

 $in MoRC\_status$ 

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inNTC

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inMovementAuthority

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# - Out Ports

packetDynamic

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.424. sendLevelListPkg1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

UpdateLevelsRequested

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

#### levelList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

levelDataPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.425. sendTrainData1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainDataFromEVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### - Out Ports

trainData\_ForDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.426. sendVersion1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### ownVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### dmiStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inSystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### VersionPkg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.427. synchWithDMI1

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# outputStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $dmi\_identifierRequest\\$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TIU\_TrainStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

updatedOutputStatus

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# send\_dmi\_identifierRequest

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# **3.428. Abstract**

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

dmiUpdateLevelsDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### inCurrentDMIStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### $\mathsf{in}\mathsf{NTC}$

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### outStatusList

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Local Analysis

 $[dmiUpdateLevelsDMI](A) \mid [inStatusList](A) \mid [inCurrentDMIStatus](A) \mid [inNTC](A) = [outStatusList](A) \\ [inCurrentDMIStatus](U) \mid [inNTC](U) \mid [dmiUpdateLevelsDMI](U) \mid [inStatusList](U) = [outStatusList](U) \\ [dmiUpdateLevelsDMI](E) \mid [inStatusList](E) \mid [inCurrentDMIStatus](E) \mid [inNTC](E) = [outStatusList](E) \\ [dmiUpdateLevelsDMI](E) \mid [inStatusList](E) \mid [inCurrentDMIStatus](E) \mid [inNTC](E) = [outStatusList](E) \\ [dmiUpdateLevelsDMI](E) \mid [inStatusList](E) \mid [inCurrentDMIStatus](E) \mid [inNTC](E) = [outStatusList](E) \\ [dmiUpdateLevelsDMI](E) \mid [inStatusList](E) \mid [inCurrentDMIStatus](E) \mid [inNTC](E) = [outStatusList](E) \\ [dmiUpdateLevelsDMI](E) \mid [dmiUpdateLevelsDMI](E) \\ [dmiUpdateLevelsDMI](E) \\$ 

# 3.429. Input

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_Messages

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_Packets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_From\_Localisation

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Cab\_In

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# driver\_level\_transition\_In

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### ERTMS\_capabilities\_In

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### start Of Mission Ended

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Track\_MASSPGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

train\_standstill

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# driver\_level\_transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### levelAck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentPosition

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ERTMS\_capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outStartOfMissionEnded

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

Data\_From\_Track\_to\_Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_DMI\_To\_Mode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### Data\_From\_F2\_Functions\_to\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### Data\_From\_Localisation\_To\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# Data\_From\_Speed\_and\_Supervision\_To\_Mode

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# Data\_From\_STM\_to\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_TIU\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track\_To\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.430. ManageLevels

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### trainStandstill

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### driverLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# levelAck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### trainPosition

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# **ERTMS**capabilities

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### DataFromTrackToLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

MemorizedLevelIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### nextLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TripTrainRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### needs Ack From Driver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### announcedLevelTransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# serviceBrakeRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $connection \\ To RBCR equested$

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

positionReportNeeded

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### levellsNew

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# isAvailableForUse

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.431. CheckLevelAndMode

Description : Hypothesis :

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.432. ManageModes

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

Current\_Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### Cab

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_F2\_Functions

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Localisation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_Speed\_and\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Data\_From\_STM

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# Data\_From\_TIU

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_From\_Track

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# TripModeFromLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### currentMode

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# EB\_Requested

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Data\_To\_DMI

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.433. Output

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

next\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TripTrain

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# previous\_level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### needsAckFromDriver

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# announce\_driver\_selection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### service\_brake\_from\_level

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

LevelsTransitionPositionPassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### currentMode

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EB\_Requested\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Service\_Brake\_Command\_From\_Mode

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

### Data\_To\_DMI\_From\_Mode

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $Data\_To\_BG\_Management\_From\_Mode$

	Name	Feared Events	Feared Events Families	Description
A	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# Level\_Mode\_Compatible

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Compatible\_Mode\_And\_Level

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

### Data\_To\_DMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### Data\_To\_BG\_Management

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Service\_Brake\_Command

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### EB\_Requested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### transitionPositionPassed

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.434. getTIUStatusFromData

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

# inTIUActualData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.435. mergeTIU\_Info

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### newInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### storedInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

updatedInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.436. selectTrainData

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### newTIUTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in\_train\_commands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# EVC\_trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### - Out Ports

### outTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.437. TrackAtlasETCS

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# MessageIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### ModeAndLevel\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# TrainData\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### TrainPositionIn

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# train\_length

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### SystemTime

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

preindicationLocation

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### odometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# $from Driver To MA\_R$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### packet0

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

bus\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# P203V1\_onboard

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# PermanentDataP003

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# SSP\_available

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# NV\_raw\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# To\_ModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# to\_DMI

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# to\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### MA\_onboard\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

MA\_request\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### bus\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# message147

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ces\_accepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### ces\_revoked

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# trip\_train

	Name	Feared Events	Feared Events Families	Description
A	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# 3.438. SoM\_NTC\_SN

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.439. SoM\_SR\_FS\_OS\_LS\_SH\_SN\_UN

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

Status\_MA\_FS\_SR\_OS\_LS\_SH\_from\_MA\_L2\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## Status\_Mode\_Change\_from\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

request\_MA\_FS\_SR\_OS\_LS\_SH\_to\_MA\_L2\_Management

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

request\_Mode\_Change\_SB\_to\_FS\_to\_Level\_and\_Mode\_Management

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

start\_ack\_to\_TIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### 3.440. bothBrakesActive

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

speedSupbrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### **levelBrakeCommand**

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

brakeCommand

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# 3.441. getTIUStatusFromCommand

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### in\_brake\_command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.442. handleTraction

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### in\_train\_commands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inModeLevel

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
U	l			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### - Out Ports

#### outTrainCommands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ${\bf 3.443.}\ map {\bf ModeToTractionCutOff}$

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## tractionCutOff

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.444. TIU\_OutputIntegration

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## SpeedSup\_brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## in\_brake\_inhibition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### in\_train\_commands

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## in\_change\_traction\_system

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### in\_passenger\_door\_control\_info

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

in\_change\_of\_allowed\_current\_consumption

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outTIU\_to\_API

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### out Command Status for EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.445. InputWrapper

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### TrainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## trainProps

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### dataFromTrackAtlas

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

mrsp\_update\_out

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### ma\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### mrsp\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ma\_out

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## gp\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

gp\_update\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.446. ABrakeFactory

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## aBrakeService

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.447. TargetManagement

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## MRSP\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## MA\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### MRSP

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### MA

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## - Out Ports

## targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.448. CalcBrakingCurves

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### TrainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## A\_Expected

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## A\_Safe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.449. LimitLocations

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## MRSP\_Profile

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# targetCollection

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### curveCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## MA

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

T\_b

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### NationalValues

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## trainData\_int

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### - Out Ports

#### FLOIisSBI1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### locations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## MostRestrictiveDisplayedTarget

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## **3.450. Commands**

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## floilsSB1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## allTargets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## speeds

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### locations

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### mrdt

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainLocations

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## MLrequestEB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## MLrequestSB

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## TrainData\_int

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### NationalValues

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## targetSpeedReached

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

## eoaOverpassed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sdmCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### sdmToDMI

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### brakeCmd

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.451. AGradient

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### TrainLocations

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## targetCollection

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## GradientProfile\_updated

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### GradientProfile

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## - Out Ports

## A\_gradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.452. addGradient1

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.453. addGradient2

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### aBrakeSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### aGradient

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

aSafe

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.454. bothBrakesActive

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

speedSupbrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### levelBrakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.455. getTIUStatusFromCommand

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

## in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## in\_brake\_command

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### outStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## 3.456. handleTraction

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

in\_train\_commands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outTrainCommands

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.457. mapModeToTractionCutOff

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

inModeLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## tractionCutOff

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.458. TIU\_OutputIntegration

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### in\_IsolationStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## SpeedSup\_brakeCommand

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## in\_brake\_inhibition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### in\_train\_commands

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## in\_change\_traction\_system

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### in\_passenger\_door\_control\_info

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

in\_change\_of\_allowed\_current\_consumption

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### in Mode And Level

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

outTIU\_to\_API

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### out Command Status for EVC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.459. CaseLinkingInUse1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### storedBGs

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

passedBG\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### errorLinkedBG

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# 3.460. CaseLinkingNotInUse1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### trackSideForCheck

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### q\_nvlocacc

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

## applyServiceBrake

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## badBaliseMessageToDMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### passedBG\_out

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### errorUnlinkedBG

Naı	me	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.461. Receive\_TrackSide\_Msg

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## API\_TrackSide\_Msg

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inActualOdometry

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### - Out Ports

outTrackMessage\_for\_check

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## 3.462. InformationFilter

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - Barriers

#### Barrier

Name	Feared Events	Feared Events Familie	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inLevel

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inModus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## inSupervisingDevice

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

## inPendingL1Transition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inPendingL2L3Transition

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

in Pending Ack Of Train Data From RBC

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inEmergencyStopAccepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in Last Ack Text Message Id

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

## in Pending NTCT ransition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inActiveCab

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

## inTrainDataValid

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

## inFilterEvents

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### outAcceptedMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### outMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### out Packets For ML

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# - Local Analysis

[Barrier](A) = [outMessage](A) [Barrier](U) = [outMessage](U) [Barrier](E) = [outMessage](E)

### 3.463. validateDataDirection

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

# inMessage

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### inLRBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inPositionedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainPosition

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
l	J			The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# - Out Ports

# out Message

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# 3.464. CheckEuroRadioMessage

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

# rtmMessage

Nan	ne	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### tNvContact

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# lastRelevantEventTimestamp

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### connectionStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### activateCheck

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# checkedMessage

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# radioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### tNvContactError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# other Timing Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.465. trainDataStorage

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### eventsForTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainDatafromTIU

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainDatafromDriver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# train Data Ack from Driver

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### actualTrainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Local Analysis

[actualStatus](A) | [eventsForTrainData](A) | [trainDatafromTIU](A) | [trainDatafromDriver](A) | [trainDataAckfromDriver](A) = [actualTrainData](A)

 $[trainDatafromDriver](U) \mid [trainDataAckfromDriver](U) \mid [eventsForTrainData](U) \mid [actualStatus](U) \mid [trainDatafromTIU](U) = [actualTrainData](U)$ 

 $[actualStatus](E) \mid [eventsForTrainData](E) \mid [trainDatafromDriver](E) \mid [trainDataAckfromDriver](E) = [actualTrainData](E) \mid [eventsForTrainData](E) \mid [eventsForTrainData]$ 

# 3.466. sendAcknowledgementRBC

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# EVC\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# nidEngine

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# RBC\_timeStamp

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# inVersion

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

# updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.467. checkRadioMessages

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### trackMessages

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ackReceived

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# ackRequested

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.468. sendValidTrainDataRBC

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### actualStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### trainData

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### evc\_t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# nidEngine

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# p0\_positionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# p1\_positionReport

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# MessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### inVersion

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

updatedStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# outMessageBus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.469. TrackAtlasETCS

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# TrainData\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# $from Driver To MA\_R$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MessageIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ModeAndLevel\_in

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### TrainPositionIn

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# train\_length

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# SystemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### preindicationLocation

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### odometry

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

P203V1\_onboard

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# PermanentDataP003

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# bus\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# To\_ModeAndLevel

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# to\_DMI

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# to\_Supervision

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MA\_onboard\_out

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# ces\_accepted

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### ces\_revoked

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

trip\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### NV\_raw\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# MA\_request\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# message147

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### SSP\_available

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# bus\_out

	Name	Feared Events	Feared Events Families	Description
A	<b>\</b>			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# 3.470. linkedBG\_missed

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

#### enable

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# position

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
U	l			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### indexOfBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### ВG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# ${\bf 3.471.}\ two Consecutive Linked BGs\_missed$

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# msgFromTrack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### missedLinkedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# - Out Ports

secondConsecutiveBG\_missed

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.472. addAnnouncedBGs

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### overrun

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.473. calculateBGLocations

**Description:** Hypothesis:

Scope: Internal

### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### reset

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# passedBG

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### lastBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### BGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### errors

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# passedPositionedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.474. calculateTrainpositionAttributes

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### trainPositionInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# currentOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### trainPosition

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.475. calculateTrainPositionInfo

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### recalculateBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### reset

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# currentOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### BGs

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

#### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

positionCalculationNotConsistent

	Name	Feared Events	Feared Events Families	Description
A	4			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	<u> </u>			The standard 'erroneous' failure mode

#### trainPositionInfo

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.476. delDispensableBGs

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

### - In Ports

deleteBG

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### BGs\_in

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

BGs\_out

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.477. msg\_2\_passedBG

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# - In Ports

msgFromTrack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# BG\_passed

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### passedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# onlyBGsAnnouncedViaRadio

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.478. Abstract definition

Description : Hypothesis :

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - Barriers

#### Barrier

Name	Feared Events	Feared Events Familie	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# currentOdometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### PassedBG

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# msgFromTrack

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# trainProperties

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

Train position

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### BGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### errors

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# - Local Analysis

 $\begin{tabular}{l} [currentOdometry](A) \mid [msgFromTrack](A) \mid [trainProperties](A) = [errors](A) \\ [currentOdometry](U) \mid [PassedBG](U) \mid [msgFromTrack](U) \mid [trainProperties](U) = [errors](U) \\ [trainProperties](E) \mid [currentOdometry](E) \mid [PassedBG](E) \mid [msgFromTrack](E) = [errors](E) \\ \end{tabular}$ 

#### 3.479. AddBGToFIFO

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

reportIsSent

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### posBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.480. AggregatePackets

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

#### inPacket0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### inPacket1

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
U	l			The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### inPacket4

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### inPacket5

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### - Out Ports

#### outPackets

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.481. Build\_Packets0\_1

**Description:** Hypothesis:

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# posBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

prvDirTrain

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

packet0

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# packet1

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# 3.482. Build\_SinglePosReport

Description : Hypothesis :

Scope: Internal

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

# errorMsg

N	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in\_packet0

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# in\_packet1

	Name	Feared Events	Feared Events Families	Description
Α	1			The standard 'absent' failure mode
ι	J			The standard 'untimely' failure mode
Е	:			The standard 'erroneous' failure mode

# t\_train

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

posRepHeader

Name	Feared Events	Feared Events Families	Description
Α	Missing Message		The standard 'absent' failure mode
U	Untiming Event		The standard 'untimely' failure mode
E	Erroneous Message		The standard 'erroneous' failure mode

#### packet0

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### packet1

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### packet4

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### packet5

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# - Local Analysis

[errorMsg](E) | [trainProps](E) = [posRepHeader](E)

# 3.483. PosReport\_Supervision

Description : Hypothesis :

Scope: Internal

# - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

# systemTime

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### rbcComm

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# modeLevelStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# posRepParam

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### train2trackStatus

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### present

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

trackInfo

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### trainPos

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### odometry

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# posBGs

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

#### prvDirTrain

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# reportedBGs

Na	ame	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
E				The standard 'erroneous' failure mode

# trainProps

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

trigger

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

### posRep

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.484. ReceiveReportParameters

**Description:** Hypothesis:

Scope: Internal

#### - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

### reportedBGs

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# inMessage

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

#### - Out Ports

# out\_reportedBGs

Name	Feared Events	Feared Events Families	Description
A			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

# present

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

### posRep

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# posRepParam

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# 3.485. ErrorManager

Description : Hypothesis :

Scope: Internal

# - Local Events

Name	Description
Internal Failure	Default local event corresponding to a block internal failure

#### - In Ports

# BG\_LinkingConsistencyError

Name	Feared Events	Feared Events Families	Description	
Α			The standard 'absent' failure mode	
U			The standard 'untimely' failure mode	
Е		The standard 'erroneous' failure mode		

# LinkedBG\_MessageConsistencyError

Name	Feared Events	Feared Events Families	Description	
Α			The standard 'absent' failure mode	
U			The standard 'untimely' failure mode	
E			The standard 'erroneous' failure mode	

# $Unlinked BG\_Message Consistency Error$

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# Radio Message Consistency Error

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

# RadioSequenceError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е		The standard 'erroneous' failure mode	

#### RadioSafeRadioConnectionError

	Name	Feared Events	Feared Events Families	Description
Α				The standard 'absent' failure mode
U				The standard 'untimely' failure mode
Е				The standard 'erroneous' failure mode

SafetyCriticalFailure

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
Е			The standard 'erroneous' failure mode

#### DoubleLinkingError

Name	Feared Events	Feared Events Families	Description	
Α			The standard 'absent' failure mode	
U			The standard 'untimely' failure mode	
E			The standard 'erroneous' failure mode	

#### DoubleRepositioningError

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Out Ports

#### errorVector

Name	Feared Events	Feared Events Families	Description
Α			The standard 'absent' failure mode
U			The standard 'untimely' failure mode
E			The standard 'erroneous' failure mode

#### - Local Analysis

 $[BG\_LinkingConsistencyError](E) \mid [DoubleLinkingError](E) \mid [DoubleRepositioningError](E) \mid [LinkedBG\_MessageConsistencyError](E) \mid [RadioMessageConsistencyError](E) \mid [RadioSafeRadioConnectionError](E) \mid [RadioSequenceError](E) \mid [SafetyCriticalFailure](E) \mid [UnlinkedBG\_MessageConsistencyError](E) \mid [BG\_LinkingConsistencyError](U) \mid [LinkedBG\_MessageConsistencyError](U) \mid [UnlinkedBG\_MessageConsistencyError](U) \mid [RadioMessageConsistencyError](U) \mid [RadioSafeRadioConnectionError](U) \mid [SafetyCriticalFailure](U) \mid [DoubleLinkingError](U) \mid [DoubleRepositioningError](U) \mid [BG\_LinkingConsistencyError](A) \mid [LinkedBG\_MessageConsistencyError](A) \mid [RadioMessageConsistencyError](A) \mid [RadioSequenceError](A) \mid [RadioSequenceError](A) \mid [RadioSequenceError](A) \mid [DoubleLinkingError](A) \mid [DoubleRepositioningError](A) \mid [DoubleLinkingError](A) \mid [DoubleRepositioningError](A) \mid [DoubleLinkingError](A) \mid [DoubleRepositioningError](A) \mid [DoubleRepositio$ 

# 4. Data links

C	nn	ect	or1
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	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingNotInUse1
Connector2		
Source :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingInUse1
Connector3		
Source :	Port	Owner
	errorUnlinkedBG	CaseLinkingNotInUse1
Target :	Port	Owner
	errorUnlinkedBG	CheckBGConsistency
Connector4		
Source :	Port	Owner
	applyServiceBrake	CaseLinkingNotInUse1
Target :	Port	Owner
	applyServiceBrake	CheckBGConsistency
Connector5		
Connector5 Source:	Port	Owner
Connector5 Source:	Port errorLinkedBG	Owner CaseLinkingInUse1
Source :	errorLinkedBG	CaseLinkingInUse1
Source :	errorLinkedBG  Port	CaseLinkingInUse1 Owner
Source :	errorLinkedBG  Port	CaseLinkingInUse1 Owner
Source :  Target :  Connector6	errorLinkedBG  Port  errorLinkedBG	CaseLinkingInUse1  Owner  CheckBGConsistency
Source :  Target :  Connector6	errorLinkedBG  Port  errorLinkedBG  Port	CaseLinkingInUse1  Owner  CheckBGConsistency  Owner
Source :  Target :  Connector6 Source :	errorLinkedBG  Port  errorLinkedBG  Port  passedBG_out	CaseLinkingInUse1  Owner CheckBGConsistency  Owner CaseLinkingNotInUse1
Source :  Target :  Connector6 Source :	errorLinkedBG  Port errorLinkedBG  Port passedBG_out Port	CaseLinkingInUse1  Owner CheckBGConsistency  Owner CaseLinkingNotInUse1  Owner
Source :  Target :  Connector6 Source :  Target :	errorLinkedBG  Port errorLinkedBG  Port passedBG_out Port	CaseLinkingInUse1  Owner CheckBGConsistency  Owner CaseLinkingNotInUse1  Owner
Source:  Target:  Connector6 Source:  Target:  Connector7	Port errorLinkedBG  Port errorLinkedBG  Port passedBG_out  Port passedBG_out	CaseLinkingInUse1  Owner CheckBGConsistency  Owner CaseLinkingNotInUse1  Owner CheckBGConsistency
Source:  Target:  Connector6 Source:  Target:  Connector7	Port errorLinkedBG  Port errorLinkedBG  Port passedBG_out  Port passedBG_out  Port passedBG_out	CaseLinkingInUse1  Owner CheckBGConsistency  Owner CaseLinkingNotInUse1  Owner CheckBGConsistency  Owner

Source :	Port	Owner
Gourde :	reset	F2.1 Manage_TrackSideInformation_Integration
Target :		·
raiget.	Port reset	Owner  Receive_TrackSide_Msg
	reset	Neceive_TrackSide_ivisg
Connector2		
Source :	Port	Owner
	API_trackSide_Message	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	API_TrackSide_Msg	Receive_TrackSide_Msg
Connector3		
Source :	Port	Owner
	inActiveCab	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inActualOdometry	Receive_TrackSide_Msg
Connector4	·	
Source :	Dowl	Our ar
Source .	Port outTrackMessage_for_check	Owner  Receive_TrackSide_Msg
	out Hackinessage_ioi_check	ixeceive_frackSide_ivisg
Target :	B (	
Target :	Port	Owner
Target :	Port trackSide_ForCheck	Owner CheckBGConsistency
Target :  Connector5		
Connector5	trackSide_ForCheck	CheckBGConsistency
Connector5	trackSide_ForCheck  Port	CheckBGConsistency  Owner
Connector5 Source:	trackSide_ForCheck  Port  applyServiceBrake	CheckBGConsistency  Owner  CheckBGConsistency
Connector5 Source:	trackSide_ForCheck  Port applyServiceBrake  Port	Owner CheckBGConsistency Owner CheckBGConsistency Owner
Connector5 Source: Target:	trackSide_ForCheck  Port applyServiceBrake  Port	Owner CheckBGConsistency Owner CheckBGConsistency Owner
Connector5 Source: Target: Connector6	Port applyServiceBrake Port ApplyServiceBrake	Owner CheckBGConsistency CheckBGConsistency Owner F2.1 Manage_TrackSideInformation_Integration
Connector5 Source: Target: Connector6	Port applyServiceBrake Port ApplyServiceBrake  Port ApplyServiceBrake  OutTrackMessage_for_check	CheckBGConsistency  Owner CheckBGConsistency  Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg
Connector5 Source: Target: Connector6 Source:	Port applyServiceBrake Port ApplyServiceBrake Port ApplyServiceBrake	Owner CheckBGConsistency Owner CheckBGConsistency Owner F2.1 Manage_TrackSideInformation_Integration Owner
Connector5 Source: Target:  Connector6 Source: Target:	Port applyServiceBrake Port ApplyServiceBrake  Port ApplyServiceBrake  Port outTrackMessage_for_check Port	Owner CheckBGConsistency Owner CheckBGConsistency Owner F2.1 Manage_TrackSideInformation_Integration Owner Receive_TrackSide_Msg Owner
Connector5 Source: Target:  Connector6 Source: Target:  Connector7	Port applyServiceBrake Port ApplyServiceBrake  Port OutTrackMessage_for_check Port rtmMessage	Owner CheckBGConsistency Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg Owner CheckEuroRadioMessage
Connector5 Source: Target:  Connector6 Source: Target:	Port applyServiceBrake Port ApplyServiceBrake  Port OutTrackMessage_for_check Port rtmMessage	CheckBGConsistency  Owner CheckBGConsistency  Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner CheckEuroRadioMessage  Owner
Connector5 Source: Target:  Connector6 Source: Target:  Connector7 Source:	Port applyServiceBrake Port ApplyServiceBrake  Port OutTrackMessage_for_check Port rtmMessage  Port outMessage	Owner CheckBGConsistency Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg Owner CheckEuroRadioMessage  Owner InformationFilter
Connector5 Source: Target:  Connector6 Source: Target:  Connector7	Port applyServiceBrake Port ApplyServiceBrake  Port OutTrackMessage_for_check Port rtmMessage	CheckBGConsistency  Owner CheckBGConsistency  Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner CheckEuroRadioMessage  Owner

Source :	Port	Owner
	inTrainDataValid	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inTrainDataValid	InformationFilter
Connector9		
Source :	Port	Owner
	passedBG_out	CheckBGConsistency
Target :	Port	Owner
	inMessage	validateDataDirection
Commontonto	5	
Connector10	-	
Source :	Port	Owner
	checkedMessage	CheckEuroRadioMessage
Target :	Port	Owner
	inMessage	validateDataDirection
Connector11		
Source :	Port	Owner
	outMessage	validateDataDirection
Target :	Port	Owner
	inMessage	InformationFilter
Connector12		
Source :	Port	Owner
	inActiveCab	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inActiveCab	InformationFilter
Connector13		
Source :	Port	Owner
	intrainVersion	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	trainVersion	CheckBGConsistency
Connector14		
Source :	Port	Owner
	trainPosition	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	trainPosition	CheckBGConsistency

Source :	Port	Owner
	inFilterEvents	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inFilterEvents	InformationFilter
Connector16		
Source :	Port	Owner
	outPacketsForML	InformationFilter
Target :	Port	Owner
	Data_to_From_Track_Packets_at_ML	F2.1 Manage_TrackSideInformation_Integration
Connector17		
Source :	Port	Owner
	ActualOdometry	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inActualOdometry	Receive_TrackSide_Msg
Connector1		
Source :	Port	Owner
	TrainPosition	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	TrainPosition	InputWrapper
Connector3		
Source :	Port	Owner
	trainProps	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainProps	InputWrapper
Connector4		
Source :	Port	Owner
	dataFromTrackAtlas	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	dataFromTrackAtlas	InputWrapper
Connector11		
Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	ABrakeFactory

Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData	ABrakeFactory
Connector13		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP	TargetManagement
Connector14		
Source :	Port	Owner
	mrsp_update_out	InputWrapper
Target :	Port	Owner
	MRSP_updated	TargetManagement
Connector15		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	TargetManagement
Connector16		
Source :	Port	Owner
	ma_update_out	InputWrapper
Target :	Port	Owner
	MA_updated	TargetManagement
Connector17		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	TargetManagement
Connector18		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves

Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	CalcBrakingCurves
Connector22		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector23		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Connector24		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations
Connector26		
Source :	Port	Owner
_	curveCollection	CalcBrakingCurves
Target :	Port	Owner
	curveCollection	LimitLocations

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Connector27		
Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	LimitLocations
Connector29		
Source:	Port	Owner
	T_b	ABrakeFactory
Target :	Port	Owner
	T_b	LimitLocations
Connector30		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	LimitLocations
Connector35		
Source:	Port	Owner
	locations	LimitLocations
Target :	Port	Owner
	locations	Commands
Connector36		
Source :	Port	Owner
	speeds	LimitLocations
Target :	Port	Owner
	speeds	Commands
Connector37		
Source :	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
	mrdt	Commands
Connector38		
Source :	Port	Owner
	FLOIisSBI1	LimitLocations
Target :	Port	Owner
	floilsSB1	Commands

targetCollection TargetManagement  Target: Port Owner allTargets Commands  Connector46  Source: Port MostRestrictiveDisplayedTarget LimitLocations  Target: Port Owner target Target: Port Owner SdmToDMI Commands  Connector48  Source: Port Source: Port Owner SdmToDMI F2.7 SpeedSupervision_Integration  Connector48  Source: Port Owner SdmToDMI Target: Port Owner SdmToDMI F2.7 SpeedSupervision_Integration  Connector48  Source: Port Owner DrakeCmd Commands  Target: Port Owner SdmCommands  Target: Port Owner SdmCommands F2.7 SpeedSupervision_Integration  Connector49  Source: Port Owner SdmCommands F2.7 SpeedSupervision_Integration  Connector49  Source: Port Owner SdmCmd Commands F2.7 SpeedSupervision_Integration  Connector50  Source: Port Owner Target: Port Owner F2.7 SpeedSupervision_Integration  Connector51  Source: Port Owner Commands F2.7 SpeedSupervision_Integration	Source :	Port	Owner
Target:   Port   Owner			
Connector46  Source: Port Owner	Target :		
Connector46         Source :         Port         Owner           MostRestrictiveDisplayedTarget :         LimitLocations           Target :         Port :         Owner           target :         F2.7 SpeedSupervision_Integration           Connector47           Source :         Port :         Owner           sdmToDMI :         Commands           Target :         Port :         Owner           sdmToDMI :         F2.7 SpeedSupervision_Integration           Connector48           Source :         Port :         Owner           brakeCmd :         F2.7 SpeedSupervision_Integration           Connector49           Source :         Port :         Owner           sdmCmd :         Commands :         F2.7 SpeedSupervision_Integration           Connector50           Source :         Port :         Owner :           targetSpeedReached :         Commands :           Target :         Port :         Owner : <td< td=""><th></th><td></td><td></td></td<>			
Source: Port Owner  Target: Port Owner  target F2.7 SpeedSupervision_Integration  Connector47  Source: Port Owner  sdmToDMI Commands  Target: Port Owner  sdmToDMI F2.7 SpeedSupervision_Integration  Connector48  Source: Port Owner  sdmToDMI F2.7 SpeedSupervision_Integration  Connector48  Source: Port Owner  brakeCmd Commands  Target: Port Owner  brakeCmd F2.7 SpeedSupervision_Integration  Connector49  Source: Port Owner  brakeCmd F2.7 SpeedSupervision_Integration  Connector49  Source: Port Owner  sdmCmd Commands  Target: Port Owner  sdmCmd Commands  Target: Port Owner  sdmCommands F2.7 SpeedSupervision_Integration  Connector50  Source: Port Owner  targetSpeedReached Commands  Target: Port Owner  Target: Port Owner  targetSpeedReached F2.7 SpeedSupervision_Integration  Connector51  Source: Port Owner  Target_Speed_Reached F2.7 SpeedSupervision_Integration  Connector51  Source: Port Owner  Target_Speed_Reached F2.7 SpeedSupervision_Integration  Connector51  Source: Port Owner  Connector51  Source: Port Owner  Connector51  Source: Port Owner  coaOverpassed Commands  Target: Port Owner	Commonton46	ann an gold	John Maria
MostRestrictiveDisplayedTarget   LimitLocations			
Target:	Source :		
Target   F2.7 SpeedSupervision_Integration		MostRestrictiveDisplayedTarget	LimitLocations
Connector47         Source :         Port         Owner           sdmToDMI         Commands           Target :         Port         Owner           sdmToDMI         F2.7 SpeedSupervision_Integration           Connector48           Source :         Port         Owner           brakeCmd         Commands           Target :         Port         Owner           brakeCmd         F2.7 SpeedSupervision_Integration           Connector49           Source :         Port         Owner           sdmCmd         Commands           Target :         Port         Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50         Source :         Port         Owner           targetSpeedReached         Commands         T2.7 SpeedSupervision_Integration           Connector51           Source :         Port         Owner           Target :         Port         Owner           coaOverpassed         Commands           Target :         Port         Owner	Target :	Port	Owner
Source :         Port         Owner           sdmToDMI         Commands           Target :         Port         Owner           sdmToDMI         F2.7 SpeedSupervision_Integration           Connector48         Source :         Port         Owner           brakeCmd         Commands         Target :         Port         Owner           brakeCmd         F2.7 SpeedSupervision_Integration         Connector49           Source :         Port         Owner           sdmCmd         Commands         Target :           Port         Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50         Source :         Port         Owner           Target :         Port         Owner           Target :         Port         Owner           Target Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner           eoaOverpassed         Commands		target	F2.7 SpeedSupervision_Integration
SdmToDMI   Commands	Connector47		
Target :         Port         Owner           sdmToDMI         F2.7 SpeedSupervision_Integration           Connector48           Source :         Port         Owner           brakeCmd         Commands           Target :         Port         Owner           Source :         Port         Owner           Source :         Port         Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50           Source :         Port         Owner           targetSpeedReached         Commands           Target :         Port         Owner           Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner           eoaOverpassed         Commands	Source :	Port	Owner
SdmToDMI   F2.7 SpeedSupervision_Integration		sdmToDMI	Commands
Connector48         Source :         Port         Owner           brakeCmd         Commands         Target :         Port         Owner           brakeCmd         F2.7 SpeedSupervision_Integration         Connector49           Source :         Port         Owner           sdmCmd         Commands         Target :           Port         Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50         Source :         Port         Owner           targetSpeedReached         Commands         Target :         Port         Owner           Target :         Port         Owner         Target speedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner           commands         Target :         Port         Owner	Target :	Port	Owner
Source :         Port         Owner           brakeCmd         Commands           Target :         Port         Owner           brakeCmd         F2.7 SpeedSupervision_Integration           Connector49           Source :         Port         Owner           sdmCmd         Commands           Target :         Port         Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50         Source :         Port         Owner           targetSpeedReached         Commands         Target :         Port         Owner           Target :         Port         Owner         Owner           Connector51         Source :         Port         Owner           eoaOverpassed         Commands         Target :         Port         Owner		sdmToDMI	F2.7 SpeedSupervision_Integration
Source :         Port         Owner           brakeCmd         Commands           Target :         Port         Owner           brakeCmd         F2.7 SpeedSupervision_Integration           Connector49           Source :         Port         Owner           sdmCmd         Commands           Target :         Port         Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50         Source :         Port         Owner           targetSpeedReached         Commands         Target :         Port         Owner           Target :         Port         Owner         Owner           Connector51         Source :         Port         Owner           eoaOverpassed         Commands         Target :         Port         Owner	Connector48		
DrakeCmd   Commands		Port	Owner
Target :         Port         Owner           brakeCmd         F2.7 SpeedSupervision_Integration           Connector49         Source :         Port         Owner           sdmCmd         Commands         Commands           Target :         Port         Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50           Source :         Port         Owner           targetSpeedReached         Commands           Target :         Port         Owner           Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner	oou.oo i		
brakeCmd   F2.7 SpeedSupervision_Integration	Target :		
Connector49           Source :         Port         Owner           sdmCmd         Commands           Target :         Port         Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50           Source :         Port         Owner           targetSpeedReached         Commands           Target :         Port         Owner           Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner	Tan got I		
Source :         Port sdmCmd         Owner Commands           Target :         Port Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50           Source :         Port Owner           targetSpeedReached         Commands           Target :         Port Owner           Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port Owner           eoaOverpassed         Commands           Target :         Port Owner		Sidioonid	1 2.7 Opedadapervision_integration
SdmCmd         Commands           Target :         Port         Owner           sdmCommands         F2.7 SpeedSupervision_Integration           Connector50           Source :         Port         Owner           targetSpeedReached         Commands           Target :         Port         Owner           Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner			
Target :         Port sdmCommands         Owner F2.7 SpeedSupervision_Integration           Connector50         Source :         Port Owner StargetSpeedReached         Commands           Target :         Port Owner StargetSpeed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port Owner StargetSpeed_Reached           Target :         Port Owner StargetSpeed_Reached         Commands StargetSpeed_Reached           Target :         Port Owner StargetSpeed_Reached StargetSpeed_Reached         Commands StargetSpeed_Reached	Source :		
sdmCommands         F2.7 SpeedSupervision_Integration           Connector50         Source :         Port         Owner           targetSpeedReached         Commands           Target :         Port         Owner           Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner		sdmCmd	Commands
Connector50           Source :         Port         Owner           targetSpeedReached         Commands           Target :         Port         Owner           Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner	Target :	Port	Owner
Source :         Port         Owner           targetSpeedReached         Commands           Target :         Port         Owner           Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner		sdmCommands	F2.7 SpeedSupervision_Integration
targetSpeedReached         Commands           Target:         Port         Owner           Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source:         Port         Owner           eoaOverpassed         Commands           Target:         Port         Owner	Connector50		
Target :         Port	Source :	Port	Owner
Target_Speed_Reached         F2.7 SpeedSupervision_Integration           Connector51         Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner		targetSpeedReached	Commands
Connector51           Source :         Port         Owner           eoaOverpassed         Commands           Target :         Port         Owner	Target :	Port	Owner
Source :         Port eoaOverpassed         Owner Commands           Target :         Port Owner		Target_Speed_Reached	F2.7 SpeedSupervision_Integration
eoaOverpassed Commands  Target: Port Owner	Connector51		
Target : Port Owner	Source :	Port	Owner
		eoaOverpassed	Commands
EOA_overpassed F2.7 SpeedSupervision_Integration	Target :	Port	Owner
		EOA_overpassed	F2.7 SpeedSupervision_Integration

Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	Commands
Connector53		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	TrainData_int	Commands
Connector54		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData_int	LimitLocations
Connector55		
Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	LimitLocations
Connector56		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations
Connector57		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector58		
Source :	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestSB	Commands

Source :	Port	Owner
	Emergency_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestEB	Commands
Connector60		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector61		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector62		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	LimitLocations
Connector63		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Connector64		
Source :	Port	Owner
	odometry	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	odometry	LimitLocations
Connector65		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	AGradient

Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	AGradient
Connector67		
Source :	Port	Owner
	gp_out	InputWrapper
Target :	Port	Owner
	GradientProfile	AGradient
Connector68		
Source :	Port	Owner
	gp_update_out	InputWrapper
Target :	Port	Owner
	GradientProfile_updated	AGradient
Connector69		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData	AGradient
Connector70		
Source :	Port	Owner
	aBrakeSafe	ABrakeFactory
Target :	Port	Owner
	aBrakeSafe	addGradient1
Connector71		
Source :	Port	Owner
	aBrakeService	ABrakeFactory
Target :	Port	Owner
Target :	Port aBrakeSafe	Owner addGradient2
Target :  Connector72		
Connector72	aBrakeSafe	addGradient2
Connector72	aBrakeSafe Port	addGradient2  Owner

Source :	Port	Owner
	aSafe	addGradient2
Target :	Port	Owner
	A_Expected	CalcBrakingCurves
Connector74		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient1
Connector75		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient2
Connector1		
Source :	Port	Owner
	packet0	Build_SinglePosReport
Target :	Port	Owner
	inPacket0	AggregatePackets
Connector2		
Source :	Port	Owner
		Duild Cinala Dog Danart
	packet1	Build_SinglePosReport
Target :	packet1 Port	Owner Owner

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Connector3		
Source :	Port	Owner
	packet4	Build_SinglePosReport
Target :	Port	Owner
	inPacket4	AggregatePackets
Connector4		
Source :	Port	Owner
	packet5	Build_SinglePosReport
Target :	Port	Owner
	inPacket5	AggregatePackets
Connector6		
Source :	Port	Owner
	present	ReceiveReportParameters
Target :	Port	Owner
	present	PosReport_Supervision
Connector7		
Source :	Port	Owner
	posRepParam	ReceiveReportParameters
Target :	Port	Owner
	posRepParam	PosReport_Supervision
Connector9		
Source :	Port	Owner
	trigger	PosReport_Supervision
Target :	Port	Owner
	reportIsSent	AddBGToFIFO
Connector10		
Source :	Port	Owner
	posRepHeader	Build_SinglePosReport
Target :	Port	Owner
	posRep	F2.8 ProvidePositionReport
Connector11		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	in_packet0	Build_SinglePosReport

Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	in_packet1	Build_SinglePosReport
Connector13		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Connector14		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	packet1	F2.8 ProvidePositionReport
Connector15		
Source :	Port	Owner
	errorVector	ErrorManager
Target :	Port	Owner
	errorMsg	Build_SinglePosReport
Connector16		
Source :	Port	Owner
	BG_LinkingConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	BG_LinkingConsistencyError	ErrorManager
Connector17		
Source :	Port	Owner
	LinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	LinkedBG_MessageConsistencyError	ErrorManager
Connector18		
Source :	Port	Owner
	UnlinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	UnlinkedBG_MessageConsistencyError	ErrorManager

Source :	Port	Owner
	RadioMessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	RadioMessageConsistencyError	ErrorManager
Connector20	,	.,
Source :	Port	Owner
	RadioSequenceError	F2.8 ProvidePositionReport
Target :	Port	Owner
	RadioSequenceError	ErrorManager
Connector21		.9
Source :	5.	
Source .	Port  RadioSafeRadioConnectionError	Owner F2.8 ProvidePositionReport
Townst		·
Target :	Port  Partia Cofe Partia Commenting France	Owner
	RadioSafeRadioConnectionError	ErrorManager
Connector22		
Source :	Port	Owner
	SafetyCriticalFailure	F2.8 ProvidePositionReport
Target :	Port	Owner
Target :	Port SafetyCriticalFailure	Owner ErrorManager
Target :  Connector23		
Connector23	SafetyCriticalFailure	ErrorManager
Connector23	SafetyCriticalFailure  Port	ErrorManager Owner
Connector23 Source:	SafetyCriticalFailure  Port  DoubleLinkingError	ErrorManager  Owner  F2.8 ProvidePositionReport
Connector23 Source:	SafetyCriticalFailure  Port  DoubleLinkingError  Port	Owner F2.8 ProvidePositionReport Owner
Connector23 Source: Target:	SafetyCriticalFailure  Port  DoubleLinkingError  Port	Owner F2.8 ProvidePositionReport Owner
Connector23 Source: Target: Connector24	Port DoubleLinkingError Port DoubleLinkingError	Owner F2.8 ProvidePositionReport Owner ErrorManager
Connector23 Source: Target: Connector24	Port DoubleLinkingError Port DoubleLinkingError Port DoubleLinkingError	Owner F2.8 ProvidePositionReport Owner ErrorManager Owner
Connector23 Source: Target: Connector24 Source:	Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleRepositioningError	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner ErrorManager
Connector23 Source: Target: Connector24 Source:	Port DoubleLinkingError Port DoubleLinkingError  Port DoubleLinkingError  Port Port Port Port Port Port Port	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner ErrorManager  Owner F2.8 ProvidePositionReport Owner FOUNDER OWNER
Connector23 Source: Target:  Connector24 Source: Target:	Port DoubleLinkingError Port DoubleLinkingError  Port DoubleLinkingError  Port Port Port Port Port Port Port	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner ErrorManager  Owner F2.8 ProvidePositionReport Owner FOUNDER OWNER
Connector23 Source: Target:  Connector24 Source: Target:  Connector25	Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleRepositioningError  Port DoubleRepositioningError	Owner F2.8 ProvidePositionReport  Owner ErrorManager  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner ErrorManager
Connector23 Source: Target:  Connector24 Source: Target:  Connector25	Port DoubleLinkingError Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleRepositioningError  Port DoubleRepositioningError  Port Port DoubleRepositioningError	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner ErrorManager  Owner  Owner  Owner  Owner  Owner  Owner
Connector23 Source: Target:  Connector24 Source: Target:  Connector25 Source:	Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleRepositioningError  Port DoubleRepositioningError  Port DoubleRepositioningError	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner ErrorManager  Owner F2.8 ProvidePositionReport

Source :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
	modeLevelStatus	Build_Packets0_1
Connector27		
Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	PosReport_Supervision
Connector28		
Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	Build_Packets0_1
Connector29		
Source :	Port	Owner
	trainPos	F2.8 ProvidePositionReport
Target :	Port	Owner
	trainPos	PosReport_Supervision
Connector30		
Source :	Port	Owner
	trainPos	F2.8 ProvidePositionReport
Target :	Port	Owner
	trainPos	Build_Packets0_1
Connector31		
Source :	Port	Owner
	odometry	F2.8 ProvidePositionReport
Target :	Port	Owner
	odometry	PosReport_Supervision
Connector32		
Source :	Port	Owner
	odometry	F2.8 ProvidePositionReport
Target :	Port	Owner
	odometry	Build_Packets0_1

Source :	Port	Owner
oddioc :	trainProps	F2.8 ProvidePositionReport
Torrect	·	
Target :	Port	Owner
	trainProps	Build_SinglePosReport
Connector35		
Source :	Port	Owner
	trainProps	F2.8 ProvidePositionReport
Target :	Port	Owner
	trainProps	Build_Packets0_1
Connector36		
Source :	Port	Owner
	inMessage	F2.8 ProvidePositionReport
Target :	Port	Owner
	inMessage	ReceiveReportParameters
	eseage	Transfer to point and motoric
Connector37		
Source :	Port	Owner
	out_reportedBGs	AddBGToFIFO
Target :	Port	Owner
Target :	·	Owner  ReceiveReportParameters
Target :  Connector38	Port	
	Port	
Connector38	Port reportedBGs	ReceiveReportParameters
Connector38	Port reportedBGs  Port	ReceiveReportParameters  Owner
Connector38 Source:	Port reportedBGs  Port t_train	ReceiveReportParameters  Owner  F2.8 ProvidePositionReport
Connector38 Source: Target:	Port reportedBGs  Port  t_train  Port	Owner F2.8 ProvidePositionReport Owner
Connector38 Source:	Port reportedBGs  Port t_train Port t_train	Owner F2.8 ProvidePositionReport  Owner Build_SinglePosReport
Connector38 Source: Target: Connector39	Port reportedBGs  Port t_train  Port t_train  Port t_train	Owner F2.8 ProvidePositionReport Owner Build_SinglePosReport Owner
Connector38 Source:  Target:  Connector39 Source:	Port reportedBGs  Port t_train  Port t_train  Port t_train	Owner F2.8 ProvidePositionReport  Owner Build_SinglePosReport  Owner F2.8 ProvidePositionReport
Connector38 Source: Target: Connector39	Port reportedBGs  Port t_train  Port t_train  Port t_train	Owner F2.8 ProvidePositionReport Owner Build_SinglePosReport Owner
Connector38 Source: Target:  Connector39 Source: Target:	Port reportedBGs  Port t_train Port t_train  Port prvDirTrain Port Port	Owner F2.8 ProvidePositionReport Owner Build_SinglePosReport Owner F2.8 ProvidePositionReport Owner F2.8 ProvidePositionReport Owner
Connector38 Source: Target:  Connector39 Source: Target: Connector41	Port reportedBGs  Port t_train Port t_train  Port prvDirTrain Port prvDirTrain	Owner F2.8 ProvidePositionReport  Owner Build_SinglePosReport  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner Build_Packets0_1
Connector38 Source: Target:  Connector39 Source: Target:	Port reportedBGs  Port t_train  Port t_train  Port prvDirTrain  Port prvDirTrain  Port Port Port Port Port Port Port Por	Owner F2.8 ProvidePositionReport  Owner Build_SinglePosReport  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner Build_Packets0_1  Owner
Connector38 Source: Target:  Connector39 Source: Target:  Connector41 Source:	Port reportedBGs  Port t_train  Port t_train  Port prvDirTrain  Port prvDirTrain  Port prvDirTrain	Owner F2.8 ProvidePositionReport  Owner Build_SinglePosReport  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner Build_Packets0_1  Owner F2.8 ProvidePositionReport
Connector38 Source: Target:  Connector39 Source: Target: Connector41	Port reportedBGs  Port t_train  Port t_train  Port prvDirTrain  Port prvDirTrain  Port Port Port Port Port Port Port Por	Owner F2.8 ProvidePositionReport  Owner Build_SinglePosReport  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner Build_Packets0_1  Owner

Source :	Port	Owner
	trackInfo	F2.8 ProvidePositionReport
Target :	Port	Owner
	trackInfo	PosReport_Supervision
Connector43		
Source :	Port	Owner
	systemTime	F2.8 ProvidePositionReport
Target :	Port	Owner
	systemTime	PosReport_Supervision
Connector44		
Source :	Port	Owner
	rcbComm	F2.8 ProvidePositionReport
Target :	Port	Owner
	rbcComm	PosReport_Supervision
Connector45		
Source :	Port	Owner
	train2trackStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
	train2trackStatus	PosReport_Supervision
Connector46		
Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	AddBGToFIFO

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Connector47		
Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Target :	Port	Owner
	reportedBGs	AddBGToFIFO
Connector51		
Source :	Port	Owner
	pr∨DirTrain	F2.8 ProvidePositionReport
Target :	Port	Owner
	pr∨DirTrain	PosReport_Supervision
Connector52		
Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Target :	Port	Owner
	reportedBGs	PosReport_Supervision
Connector53		
Source :	Port	Owner
	trainProps	F2.8 ProvidePositionReport
Target :	Port	Owner
	trainProps	PosReport_Supervision
Connector1		
Source :	Port	Owner
	reset	F2.3 trainData
Target :	Port	Owner
	reset	trainDataStorage
Connector2		
Source :	Port	Owner
	trainDatafromTIU	F2.3 trainData
Target :	Port	Owner
	trainDatafromTIU	trainDataStorage
Connector3		
Source :	Port	Owner
	trainDatafromDriver	F2.3 trainData
Target :	Port	Owner
	trainDatafromDriver	trainDataStorage

Source :	Port	Owner
	trainDataAckfromDriver	F2.3 trainData
Target :	Port	Owner
	trainDataAckfromDriver	trainDataStorage
Connector5		
Source :	Port	Owner
	trackMessages	F2.3 trainData
Target :	Port	Owner
	trackMessages	checkRadioMessages
Connector6		
Source :	Port	Owner
	eventsForTrainData	F2.3 trainData
Target :	Port	Owner
	eventsForTrainData	trainDataStorage
Connector7		
Source :	Port	Owner
	actualTrainData	trainDataStorage
Target :	Port	Owner
	trainData	sendValidTrainDataRBC
Connector8		
Source :	Port	Owner
	actualTrainData	trainDataStorage
Target :	Port	Owner
	actualTrainData	F2.3 trainData
Connector9		
Source :	Port	Owner
	p0_positionReport	F2.3 trainData
Target :	Port	Owner
	p0_positionReport	sendValidTrainDataRBC
Connector10		
Source :	Port	Owner
	p1_positionReport	F2.3 trainData
Target :	Port	Owner
	p1_positionReport	sendValidTrainDataRBC

Source :	Port	Owner
	nidEngine	F2.3 trainData
Target :	Port	Owner
	nidEngine	sendValidTrainDataRBC
Connector12	<u> </u>	
Source :	Port	Owner
	nidEngine	F2.3 trainData
Target :	Port	Owner
	nidEngine	sendAcknowledgementRBC
0	gg	
Connector13		-
Source :	Port	Owner
	t_train	F2.3 trainData
Target :	Port	Owner
	evc_t_train	sendValidTrainDataRBC
Connector14		
Source :	Port	Owner
	t_train	F2.3 trainData
Target :	Port	Owner
	1 010	
	EVC_t_train	sendAcknowledgementRBC
Connector15		sendAcknowledgementRBC
Connector15 Source:		sendAcknowledgementRBC  Owner
	EVC_t_train	
	EVC_t_train  Port	Owner
Source :	EVC_t_train  Port  trackMessages	Owner F2.3 trainData
Source :	Port trackMessages Port	Owner F2.3 trainData Owner
Source : Target :	Port trackMessages Port	Owner F2.3 trainData Owner
Source :  Target :  Connector16	Port trackMessages Port RBC_timeStamp	Owner F2.3 trainData Owner sendAcknowledgementRBC
Source :  Target :  Connector16	Port trackMessages Port RBC_timeStamp	Owner F2.3 trainData Owner sendAcknowledgementRBC Owner
Source :  Target :  Connector16  Source :	Port trackMessages Port RBC_timeStamp  Port outMessageBus	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC
Source :  Target :  Connector16  Source :	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner SendAcknowledgementRBC  Owner
Source:  Target:  Connector16  Source:  Target:	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port outMessageBus	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner F2.3 trainData
Source:  Target:  Connector16  Source:  Target:  Connector17	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner SendAcknowledgementRBC  Owner
Source:  Target:  Connector16  Source:  Target:  Connector17	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port outMessageBus Port outMessageBus	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner F2.3 trainData  Owner F2.3 trainData
Source:  Target:  Connector16 Source:  Target:  Connector17 Source:	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port outMessageBus Port OutMessageBus	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner F2.3 trainData  Owner F2.3 trainData

Source :	Port	Owner
	MessageBus	F2.3 trainData
Target :	Port	Owner
	MessageBus	sendAcknowledgementRBC
Connector19		
Source :	Port	Owner
	MessageBus	F2.3 trainData
Target :	Port	Owner
	MessageBus	sendValidTrainDataRBC
Connector1		
Source :	Port	Owner
	API_fromTIU	F2 ETCS Kernel
Target :	Port	Owner
	inTIUfromAPI	F2.12 manageTIU_input
Connector10		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	systemtime	F2.2 Manage_ETCS_Procedures
Connector11		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.1 Manage_TrackSideInformation_Integration
Connector12		
Source :	Port	Owner
	API_fromTrack	F2 ETCS Kernel
Target :	Port	Owner
	API_trackSide_Message	F2.1 Manage_TrackSideInformation_Integration
Connector13		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	ActualOdometry	F2.1 Manage_TrackSideInformation_Integration

EVC_reset         F2 ETCS Kernel           Target :         Port         Owner           reset         F2.3 trainData           Connector31           Source :         Port         Owner           API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel	
reset         F2.3 trainData           Connector31         Source :         Port         Owner           API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Source :         Port         Owner	
Connector31         Source :         Port         Owner           API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Source :         Port         Owner	
Source :         Port         Owner           API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Source :         Port         Owner	
API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Port         Owner	
Target: Port trackMessages F2.3 trainData  Connector32 Source: Port Owner	
trackMessages F2.3 trainData  Connector32  Source: Port Owner	
Connector32 Source: Port Owner	
Source : Port Owner	
Tert	
API_SystemTime F2 ETCS Kernel	
Target : Port Owner	
t_train F2.3 trainData	
Connector38	
Source : Port Owner	
EVC_reset F2 ETCS Kernel	
Target : Port Owner	
reset F2.6 calculateTrainPositi	ion
Connector39	
Source : Port Owner	
API_Odometry F2 ETCS Kernel	
Target : Port Owner	
currentOdometry F2.6 calculateTrainPositi	ion
Connector41	
Source : Port Owner	
API_fromDMI F2 ETCS Kernel	
Target : Port Owner	
fromDMI F2.10 manageDMI_Inp	ut
Connector42	
Source : Port Owner	
API_SystemTime F2 ETCS Kernel	
Target : Port Owner	
currentTime F2.9 MoRC_HO	

Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.9 MoRC_HO
Connector44		
Source :	Port	Owner
	to_DMI	F2.11 manageDMI_Output
Target :	Port	Owner
	API_toDMI	F2 ETCS Kernel
Connector45		
Source :	Port	Owner
	outTIU_to_API	F2.13 manageTIU_output
Target :	Port	Owner
	API_toTIU	F2 ETCS Kernel
Connector46		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPosition	F2.1 Manage_TrackSideInformation_Integration
Connector50		
Source:	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	inAnnouncedBGs	F2.1 Manage_TrackSideInformation_Integration

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Connector51		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProperties	F2.6 calculateTrainPosition
Connector52		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProperties	F2.6 calculateTrainPosition
Connector53		
Source :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	msgFromTrack	F2.6 calculateTrainPosition
Connector54		
Source :	-	
Source:	Port	Owner Fo Cook whate Train Decition
Tonnet	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	inTrainPosition	F2.11 manageDMI_Output
Connector55		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	TrainPosition	F2.7 SpeedSupervision_Integration
Connector56		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPos	F2.8 ProvidePositionReport
Connector57		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	Data_From_Localisation	F2.5 ManageLevelAndMode

Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	statusValid_Position_from_Position_Calculation	F2.2 Manage_ETCS_Procedures
Connector59		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	prvDirTrain	F2.8 ProvidePositionReport
Connector60		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Connector61		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	DoubleRepositioningError	F2.8 ProvidePositionReport
Connector62		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	DoubleLinkingError	F2.8 ProvidePositionReport
Connector63		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	BG_LinkingConsistencyError	F2.8 ProvidePositionReport
Connector64		
Source :	Port	Owner
	API_fromDMI	F2 ETCS Kernel
Target :	Port	Owner
	fromDMI	F2.10 manageDMI_Input

Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	dmiStatusReset	F2.10 manageDMI_Input
Connector66		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	inSystemTime	F2.10 manageDMI_Input
Connector67		
Source :	Port	Owner
	outStatusList	F2.11 manageDMI_Output
Target :	Port	Owner
	inStatusList	F2.10 manageDMI_Input
Connector68		
Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner
	statusDMI_from_DMI	F2.2 Manage_ETCS_Procedures
Connector69		<u> </u>
Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner
	incurrentDMIStatus	F2.11 manageDMI_Output
Connector70		<del>-</del> 1
Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner
	LevelValid_from_Level_and_Mode_Management	F2.2 Manage_ETCS_Procedures
Connector71		ÿ <u> </u>
Source :	Dovi	Owner
3341001	Port outUpdateLevelsDMI	Owner F2.10 manageDMI_Input
Target :	Port	Owner
1 41 901 1	dmiUpdateLevelsDMI	F2.11 manageDMI_Output
	атториальствой	1 2.11 manageDim_Output
Connector72		

Target:  Port  trainProperties  F2.10 manage  Own  trainProperties  F2.9 MoR  Connector73  Source:  Port  Own	
trainProperties F2.9 MoR Connector73	ner
Connector73	
	RC_HO
Source	
Source : Port Own	ier
fromDMI_TrainRunningNumber F2.10 manage	eDMI_Input
Target : Port Own	ner
trainProps F2.7 SpeedSupervi	rision_Integration
Connector74	
Source : Port Own	ier
fromDMI_TrainRunningNumber F2.10 manage	eDMI_Input
Target : Port Own	ner
trainProps F2.8 ProvidePo	ositionReport
Connector75	
Source : Port Own	ner
fromDMI_TrainData F2.10 manage	eDMI_Input
Target : Port Own	ner
trainDatafromDriver F2.3 train	inData
Connector76	
Source : Port Own	ner
fromDMI_TrainDataAck F2.10 manage	eDMI_Input
Target : Port Own	ner
trainDataAckfromDriver F2.3 train	inData
Connector77	
Source : Port Own	ner
forModesAndLevel F2.10 manage	eDMI_Input
Target : Port Own	ner
Data_From_DMI F2.5 ManageLe	evelAndMode
Connector78	
Source : Port Own	ner
ML_levelTransition F2.10 manage	eDMI_Input
	ner
Target : Port Own	

Source :	Port	Owner
	outStatusList	F2.10 manageDMI_Input
Target :	Port	Owner
3	inStatusList	F2.11 manageDMI_Output
Connector80	2,000 2 20	
Source :		
Source.	Port	Owner 50.40 man as PML larget
	outDriverRequest	F2.10 manageDMI_Input
Target :	Port	Owner
	status_DMIlevel_from_DMI	F2.2 Manage_ETCS_Procedures
Connector81		
Source :	Port	Owner
	updatedNTC	F2.10 manageDMI_Input
Target :	Port	Owner
	train2trackStatus	F2.8 ProvidePositionReport
Connector82		
Source :	Port	Owner
Course:	updatedNTC	F2.10 manageDMI_Input
Target :		
rarget.	Port inNTC	Owner  F2.11 manage DML Output
	IIINTC	F2.11 manageDMI_Output
Connector83		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	inOdometry	F2.11 manageDMI_Output
Connector84		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	inSystemTime	F2.11 manageDMI_Output
ConnectorSE	,	<u> </u>
Connector85		-
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	TIU_TrainStatus	F2.11 manageDMI_Output

Source :	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
rarget :	inBrakeCommand	F2.11 manageDMI_Output
	IIIDIakeCollillalid	1 2.11 manageDivii_Output
Connector87		
Source :	Port	Owner
	sdmToDMI	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	inSpeedSupervision	F2.11 manageDMI_Output
Connector88		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	inModeAndLevel	F2.11 manageDMI_Output
Connector89		
Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainDataFromEVC	F2.11 manageDMI_Output
Connector90		
Source :	Port	Owner
	DMI_Entry_Request_to_DMI	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	dmi_entryRequest	F2.11 manageDMI_Output

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Connector91		
Source :	Port	Owner
	BadBaliseMessageToDMI	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	dmi_fromBG	F2.11 manageDMI_Output
Connector93		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	evc_trainData	F2.12 manageTIU_input
Connector94		· · · · · · · · · · · · · · · · · · ·
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner -
	cabStatus_from_TIU	F2.2 Manage_ETCS_Procedures
	cabetatae_nem_ne	1 2.2 Manago_1 100_1 1000da100
Connector95		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	inActiveCab	F2.1 Manage_TrackSideInformation_Integration
Connector96		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	Cab_In	F2.5 ManageLevelAndMode
Connector97		
Source :	Port	Owner
	outTIUCurrentInfo	F2.12 manageTIU_input
Target :	Port	Owner
	Data_From_TIU	F2.5 ManageLevelAndMode
Connector100		
Source :	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	in_brake_command	F2.13 manageTIU_output

EB_Requested F2.5 ManageLevelAndMode  Target: Port Owner  Emergency brake requested by modes and levels F2.7 SpeedSupervision Integration  Connector102  Source: Port Owner  APL_Odometry F2.ETCS Kernel  Target: Port Owner  odometry F2.7 SpeedSupervision_Integration  Connector103  Source: Port Owner  actualTrainData F2.3 trainData  Target: Port Owner  trainProps F2.7 SpeedSupervision_Integration  Connector104  Source: Port Owner  actualTrainData F2.3 trainData  Target: Port Owner  actualTrainData F2.3 trainData  Target: Port Owner  trainData F2.7 SpeedSupervision_Integration  Connector105  Source: Port Owner  ApplyServiceBrake F2.1 Manage_TrackSideInformation_Integration  Connector106  Source: Port Owner  Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port Owner  API_fromTiU F2.ETCS Kernel  Target: Port Owner  Target: Port Owner  API_fromTiU F2.ETCS Kernel  Target: Port Owner  Target: Port Owner  Target: Port Owner  F2.3 trainData  Connector107  Source: Port Owner  outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Integration  Connector107  Source: Port Owner  outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration	Source :	Port	Owner
Target:   Port   Port			
Emergency_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector102  Source:	Target :	·	<u>-</u>
Connector102   Source :			
Source	Connector 103		
API_Odometry F2 ETCS Kernel  Target: Port Owner	_		•
Target:	Source .		
Connector103  Source: Port Owner	Torget	·	
Connector103  Source:	rarget:		
Source   Port   Owner		odometry	F2.7 SpeedSupervision_Integration
actualTrainData F2.3 trainData  Target: Port Owner trainProps F2.7 SpeedSupervision_Integration  Connector104  Source: Port Owner actualTrainData F2.3 trainData  Target: Port Owner trainData F2.7 SpeedSupervision_Integration  Connector105  Source: Port Owner ApplyServiceBrake F2.1 Manage_TrackSideInformation_Integration  Connector106  Source: Port Owner Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port Owner Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port Owner API_fromTIU F2 ETCS Kernel  Target: Port Owner  Connector107  Source: Port Owner TrainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner Owner TrainDatafromTIU F2.3 trainData	Connector103	3	
Target:  Port  trainProps  F2.7 SpeedSupervision_Integration  Connector104  Source:  Port  ActualTrainData  F2.3 trainData  F2.3 trainData  Target:  Port  Owner  trainData  F2.7 SpeedSupervision_Integration  Connector105  Source:  Port  ApplyServiceBrake  F2.1 Manage_TrackSideInformation_Integration  Connector106  Source:  Port  Owner  Service_brake_requested_by_modes_and_levels  F2.7 SpeedSupervision_Integration  Connector106  Source:  Port  Owner  API_fromTIU  F2 ETCS Kernel  Target:  Port  Owner  trainDatafromTIU  F2.3 trainData  Connector107  Source:  Port  Owner  Target:  Port  Owner  F2.1 Manage_TrackSideInformation_Integration  F2.3 trainData  Connector107  Source:  Port  Owner  Owner  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  Owner  Ovner	Source :	Port	Owner
trainProps F2.7 SpeedSupervision_Integration  Connector104  Source: Port Owner		actualTrainData	F2.3 trainData
Connector104  Source: Port ActualTrainData F2.3 trainData F2.7 SpeedSupervision_Integration  Connector105  Source: Port ApplyServiceBrake F2.1 Manage_TrackSideInformation_Integration  Connector106  Source: Port Owner Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port Owner API_fromTIU F2 ETCS Kernel  Target: Port Owner trainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner Owner F2.3 trainData  Connector107  Source: Port Owner Owner Target: Port Owner Owner F2.1 Manage_TrackSideInformation_Integration	Target :	Port	Owner
Source:		trainProps	F2.7 SpeedSupervision_Integration
actualTrainData F2.3 trainData  Target:  Port	Connector104	ı.	
Target:  Port  trainData  F2.7 SpeedSupervision_Integration  Connector105  Source:  Port  ApplyServiceBrake  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Service_brake_requested_by_modes_and_levels  F2.7 SpeedSupervision_Integration  Connector106  Source:  Port  API_fromTIU  F2 ETCS Kernel  Target:  Port  Owner  trainDatafromTIU  F2.3 trainData  Connector107  Source:  Port  Owner  T2.3 trainData  Connector107  Source:  Port  Owner  Owner  F2.1 Manage_TrackSideInformation_Integration  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner	Source :	Port	Owner
trainData  F2.7 SpeedSupervision_Integration  Connector105  Source:  Port  ApplyServiceBrake F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port  API_fromTIU F2 ETCS Kernel  Target: Port  Owner  trainDatafromTIU F2.3 trainData  Connector107  Source: Port  Owner  F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  Owner  OutputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner		actualTrainData	F2.3 trainData
trainData F2.7 SpeedSupervision_Integration  Connector105  Source: Port Owner ApplyServiceBrake F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port Owner API_fromTIU F2 ETCS Kernel  Target: Port Owner trainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner	Target :	Port	Owner
Source: Port Owner  ApplyServiceBrake F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port Owner  API_fromTIU F2 ETCS Kernel  Target: Port Owner  trainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner  outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner			
Source: Port Owner  ApplyServiceBrake F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port Owner  API_fromTIU F2 ETCS Kernel  Target: Port Owner  trainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner  outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner	Connector105		
ApplyServiceBrake F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port Owner API_fromTIU F2 ETCS Kernel  Target: Port Owner trainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner Target: Port Owner Target: Port Owner Target: Owner Owner Owner Owner Owner Owner Owner Owner	_		Owner
Target:  Port Service_brake_requested_by_modes_and_levels  Connector106  Source: Port API_fromTIU F2 ETCS Kernel  Target: Port Owner trainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner T2.3 trainData  Connector107  Source: Port Owner Owner T2.3 trainData  Connector107  Source: Port Owner	Cource .		
Service_brake_requested_by_modes_and_levels F2.7 SpeedSupervision_Integration  Connector106  Source: Port Owner  API_fromTIU F2 ETCS Kernel  Target: Port Owner  trainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner  outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner	Target :		
Connector106           Source :         Port         Owner           API_fromTIU         F2 ETCS Kernel           Target :         Port         Owner           trainDatafromTIU         F2.3 trainData           Connector107         Source :         Port         Owner           outputMessageForRadioAck         F2.1 Manage_TrackSideInformation_Integration           Target :         Port         Owner	rarget .		
Source :         Port         Owner           API_fromTIU         F2 ETCS Kernel           Target :         Port         Owner           trainDatafromTIU         F2.3 trainData           Connector107         Source :         Port         Owner           outputMessageForRadioAck         F2.1 Manage_TrackSideInformation_Integration           Target :         Port         Owner		,	1 2.7 SpeedSupervision_Integration
API_fromTIU         F2 ETCS Kernel           Target :         Port         Owner           trainDatafromTIU         F2.3 trainData           Connector107           Source :         Port         Owner           outputMessageForRadioAck         F2.1 Manage_TrackSideInformation_Integration           Target :         Port         Owner	_	5	
Target:  Port trainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner	Source :		
trainDatafromTIU F2.3 trainData  Connector107  Source: Port Owner outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner		API_fromTIU	F2 ETCS Kernel
Connector107  Source:  Port Owner  outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Owner	Target :		
Source:  Port Owner  outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Owner		trainDatafromTIU	F2.3 trainData
outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Owner	Connector107	•	
outputMessageForRadioAck F2.1 Manage_TrackSideInformation_Integration  Target: Owner	Source :	Port	Owner
		outputMessageForRadioAck	
	Target :	Port	Owner

Source :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Target :	Port	Owner
	p0_positionReport	F2.3 trainData
Connector110		
Source :	Port	Owner
	packet1	F2.8 ProvidePositionReport
Target :	Port	Owner
	p1_positionReport	F2.3 trainData
Connector111		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProps	F2.8 ProvidePositionReport
Connector112	·	
Source :	Port	Owner
	updatedStatus	F2.3 trainData
Target :	Port	Owner
Target :	Port inFilterEvents	Owner F2.1 Manage_TrackSideInformation_Integration
Target :  Connector113		Owner F2.1 Manage_TrackSideInformation_Integration
	inFilterEvents	F2.1 Manage_TrackSideInformation_Integration
Connector113	inFilterEvents Port	
Connector113	inFilterEvents  Port  updatedStatus	F2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData
Connector113 Source:	inFilterEvents Port	F2.1 Manage_TrackSideInformation_Integration  Owner
Connector113 Source:	inFilterEvents  Port  updatedStatus  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData  Owner
Connector113 Source:	Port updatedStatus Port inTrainDataValid	F2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData  Owner  F2.1 Manage_TrackSideInformation_Integration
Connector113 Source: Target: Connector116	inFilterEvents  Port  updatedStatus  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData  Owner
Connector113 Source: Target: Connector116	Port updatedStatus  Port inTrainDataValid  Port outputMessage	P2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner  F2.1 Manage_TrackSideInformation_Integration
Connector113 Source: Target: Connector116 Source:	Port updatedStatus  Port inTrainDataValid  Port	F2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner
Connector113 Source: Target: Connector116 Source:	Port updatedStatus Port inTrainDataValid  Port outputMessage Port	P2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner
Connector113 Source:  Target:  Connector116 Source:  Target:	Port updatedStatus Port inTrainDataValid  Port outputMessage Port	P2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner
Connector113 Source: Target:  Connector116 Source: Target: Connector117	Port updatedStatus Port inTrainDataValid  Port outputMessage Port inMessage	F2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.8 ProvidePositionReport
Connector113 Source: Target:  Connector116 Source: Target: Connector117	Port updatedStatus Port inTrainDataValid  Port outputMessage Port inMessage	F2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.2 Manage_TrackSideInformation_Integration  Owner F2.3 ProvidePositionReport  Owner
Connector113 Source: Target:  Connector116 Source:  Target:  Connector117 Source:	Port updatedStatus Port inTrainDataValid  Port outputMessage Port inMessage  Port outCheckErrors	P2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.8 ProvidePositionReport  Owner F2.1 Manage_TrackSideInformation_Integration

Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	UnlinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Connector119		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
ruigott	RadioMessageConsistencyError	F2.8 ProvidePositionReport
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Connector120		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	RadioSequenceError	F2.8 ProvidePositionReport
Connector121		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_From_F2_Functions	F2.5 ManageLevelAndMode
Connector123		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
5	StatusModeandLevel_from_Level_and_Mode_Managem	F2.2 Manage_ETCS_Procedures
Connector125		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	systemTime	F2.8 ProvidePositionReport
Connector126	;-	
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	odometry	F2.8 ProvidePositionReport

Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	in_train_commands	F2.13 manageTIU_output
Connector128		
Source :	Port	Owner
	Data_To_DMI_Ack	F2.5 ManageLevelAndMode
Target :	Port	Owner
	inModeLevel_Ack	F2.11 manageDMI_Output
Connector129		
Source :	Port	Owner
	announcedLevel	F2.5 ManageLevelAndMode
Target :	Port	Owner
	announcedLevel	F2.11 manageDMI_Output
Connector130		
Source :	Port	Owner
	Service_Brake_Command	F2.5 ManageLevelAndMode
Target :	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Connector131		
Source :	Port	Owner
	Data_to_From_Track_Packets_at_ML	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_From_Track_Packets	F2.5 ManageLevelAndMode
Connector132		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	modeAndLevel	F2.1 Manage_TrackSideInformation_Integration
Connector133		
Source :	Port	Owner
	forLevelManagement	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_from_Track_MASSPGradient	F2.5 ManageLevelAndMode

Source:	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Connector135		
Source :	Port	Owner
	posRep	F2.8 ProvidePositionReport
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector150		
Source :	Port	Owner
	outMessageBus	F2.3 trainData
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector157		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	transitionPositionPassed	F2.1 Manage_TrackSideInformation_Integration
Connector161		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	Data_From_Localisation	F2.5 ManageLevelAndMode

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Source:	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target:	Port	Owner
	MessageIn	F2.4 TrackAtlas

Source:	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target:	Port	Owner
	ModeAndLevel_in	F2.4 TrackAtlas

#### Connector164

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target:	Port	Owner
	TrainData_in	F2.4 TrackAtlas

#### Connector165

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target:	Port	Owner
	train_length	F2.4 TrackAtlas

#### Connector166

Source:	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target:	Port	Owner
	TrainPositionIn	F2.4 TrackAtlas

#### Connector167

Source:	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	SystemTime	F2.4 TrackAtlas

#### Connector168

Source:	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target:	Port	Owner
	odometry	F2.4 TrackAtlas

Source :	Port	Owner
	sdmToDMI	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	preindicationLocation	F2.4 TrackAtlas
Connector170		
Source :	Port	Owner
	outForMA	F2.10 manageDMI_Input
Target :	Port	Owner
	fromDriverToMA_R	F2.4 TrackAtlas
Connector171		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProps	F2.4 TrackAtlas
Connector172		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProps	F2.4 TrackAtlas
Connector173		
Source :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Target :	Port	Owner
	packet0	F2.4 TrackAtlas
Connector174		
Source :	Port	Owner
	packet1	F2.8 ProvidePositionReport
Target :	Port	Owner
	packet1	F2.4 TrackAtlas
Connector175		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	t_train	F2.4 TrackAtlas

Source :	Port	Owner
	To_ModeAndLevel	F2.4 TrackAtlas
Target :	Port	Owner
	Data_From_Track_Messages	F2.5 ManageLevelAndMode
Connector179		
Source :	Port	Owner
	to_DMI	F2.4 TrackAtlas
Target :	Port	Owner
	dmi_trackDescription	F2.11 manageDMI_Output
Connector180		
Source :	Port	Owner
	to_Supervision	F2.4 TrackAtlas
Target :	Port	Owner
	dataFromTrackAtlas	F2.7 SpeedSupervision_Integration
Connector181		
Source :	Port	Owner
	MA_request_out	F2.4 TrackAtlas
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector183		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProps	F2.4 TrackAtlas
Connector185		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	Data_From_Localisation	F2.5 ManageLevelAndMode
Connector188		
Source :	Port	Owner
	outMessageBus	F2.3 trainData
Target :	Port	Owner
	bus_in	F2.4 TrackAtlas

Source :	Port	Owner
	bus_out	F2.4 TrackAtlas
Target :	Port	Owner
	MessageBus	F2.8 ProvidePositionReport
Connector191		
Source :	Port	Owner
	API_mobileHWStatus	F2 ETCS Kernel
Target :	Port	Owner
	mobileRegistrationContext_1	F2.9 MoRC_HO
Connector192		
Source :	Port	Owner
	API_mobileHWStatus	F2 ETCS Kernel
Target :	Port	Owner
	mobileConnectionContext_1	F2.9 MoRC_HO
Connector193		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port Port	Owner
Tall got I	mode	F2.9 MoRC_HO
	mode	1 2.3 WORKO_110
Connector194		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	level	F2.9 MoRC_HO
Connector195		
Source :	Port	Owner
	powerUp_to_MoRC	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector196		
Source :	Port	Owner
	statusstartofmissionongoing_to_MoRC	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO

Source :	-	
Source:	Port	Owner  F2 2 Manage FTCS Precedures
Toward	powerOff_to_MoRC	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector19	98	
Source:	Port	Owner
	request_Start_Mobile_Terminal_and_RBC_Registration_	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector19	99	
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
0	20	
Connector20		
Source :	Port	Owner
<b>T</b>	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	t_train	F2.9 MoRC_HO
Connector20	01	
Source:	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	t_train_global	F2.9 MoRC_HO
Connector20	02	
Source :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	dataFromTrack_in	F2.9 MoRC_HO
Connector20	13	
Source :	Port	Owner
Course.	posReport	Owner F2.8 ProvidePositionReport
Target :		<u> </u>
ı aı yet .	Port	Owner F2.0 MoRC HO
	msgBusToRBC_in	F2.9 MoRC_HO

Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPosition	F2.9 MoRC_HO
Connector205		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	BGs	F2.9 MoRC_HO
Connector206		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProperties	F2.9 MoRC_HO
Connector207		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	mobileStatus	F2.2 Manage_ETCS_Procedures
Connector208		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	radioStatus	F2.1 Manage_TrackSideInformation_Integration

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Source :	Port	Owner			
	radioStatus_1	F2.9 MoRC_HO			
Target :	Port	Owner			
	inMoRC_status	F2.11 manageDMI_Output			

Source:	Port	Owner		
	radioStatus_1	F2.9 MoRC_HO		
Target:	Port	Owner		
	eventsForTrainData	F2.3 trainData		

#### Connector211

Source:	Port	Owner		
	radioStatus_1	F2.9 MoRC_HO		
Target:	Port	Owner		
	rcbComm	F2.8 ProvidePositionReport		

#### Connector212

Source:	Port	Owner
	mobileConnectionCmd_1	F2.9 MoRC_HO
Target:	Port	Owner

#### Connector213

Source :	Port	Owner		
	mobileRegistrationCmd_1	F2.9 MoRC_HO		
Target :	Port	Owner		

#### Connector214

Source:	Port	Owner		
	supervisingRBC	F2.9 MoRC_HO		
Target :	Port	Owner		
	inSupervisingRbcld	F2.1 Manage_TrackSideInformation_Integration		

#### Connector215

Source:	Port	Owner			
	ready	F2.9 MoRC_HO			
Target :	Port	Owner			
	eventsForTrainData	F2.3 trainData			

Source :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		
Target :	Port	Owner		
	intrainVersion	F2.1 Manage_TrackSideInformation_Integration		
Connector217				
Source :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		
Target :	Port	Owner		
	q_nvlocacc	F2.1 Manage_TrackSideInformation_Integration		
Connector218				
Source :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		
Target :	Port	Owner		
	tNvContact	F2.1 Manage_TrackSideInformation_Integration		
Connector219				
Source :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		
Target :	Port	Owner		
	nidEngine	F2.3 trainData		
Connector220				
Source :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		
Target :	Port	Owner		
	P203V1_onboard	F2.4 TrackAtlas		
Connector221				
Source :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		
Target :	Port	Owner		
	PermanentDataP003	F2.4 TrackAtlas		
Connector222				
Source :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		
Target :	Port	Owner		
	ERTMS_capabilities_In	F2.5 ManageLevelAndMode		
<u></u>				

Source :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		
Target :	Port	Owner		
	Data_From_STM	F2.5 ManageLevelAndMode		
Connector224				
Source :	Port	Owner		
Course :	API_persistentDataIn	F2 ETCS Kernel		
Target :	·			
rarget .	Port NationalValues	Owner F2.7 SpeedSupervision_Integration		
	National values	F2.7 SpeedSupervision_Integration		
Connector225				
Source :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		
Target :	Port	Owner		
	t_train	F2.8 ProvidePositionReport		
Connector1				
Source :	Port	Owner		
	TracksideOut	F1 Receive Information from Trackside		
Target :	Port	Owner		
	API_fromTrack	F2 ETCS Kernel		
Connector2				
Source :	Port	Owner		
	DMIOut	F6 DMI Controller		
Target :	Port	Owner		
	API_fromDMI	F2 ETCS Kernel		
Connector3				
Source :	Port	Owner		
	API_toDMI	F2 ETCS Kernel		
Target :	Port	Owner		
rurgot i	DMIIn	F6 DMI Controller		
	Divinii	1 o Divir Controller		
Connector4				
Source :	Port	Owner		
	API_toTIU	F2 ETCS Kernel		
Target :	Port	Owner		
	TIUIn	F7 TIU Controller		

Source :	Port	Owner		
	TIUOut	F7 TIU Controller		
Target :	Port	Owner		
	API_fromTIU	F2 ETCS Kernel		
Connector6				
Source :	Port	Owner		
	API_toEuroradio	F2 ETCS Kernel		
Target :	Port	Owner		
	RadioIn	F4 Radio Communication Controller		
Connector7				
Source :	Port	Owner		
	RadioOut	F4 Radio Communication Controller		
Target :	Port	Owner		
	API_mobileHWStatus	F2 ETCS Kernel		
Connector8				
Source :	Port	Owner		
	OdometryOut	F3 Measure Train Movement		
Target :	Port	Owner		
	API_Odometry	F2 ETCS Kernel		
Connector14				
Source :	Port	Owner		
	RBCBTMIn	ETCS OBU		
Target :	Port	Owner		
	RBCBTMIn	F1 Receive Information from Trackside		
Connector17				
Source :	Port	Owner		
	OdometryIn	ETCS OBU		
Target :	Port	Owner		
	OdometryIn	F3 Measure Train Movement		
Connector19				
Source :	Port	Owner		
	PersistentDataOut	F8 Persistent Data		
Target :	Port	Owner		
	API_persistentDataIn	F2 ETCS Kernel		

Source :	Port	Owner		
	API_persistentDataOut	F2 ETCS Kernel		
Target :	Port	Owner		
	PersistentDataIn	F8 Persistent Data		
Connector1				
Source :	Port	Owner		
	trackSide_ForCheck	CheckBGConsistency		
Target :	Port	Owner		
	trackSideForCheck	CaseLinkingNotInUse1		
Connector2				
Source :	Port	Owner		
	trackSide_ForCheck	CheckBGConsistency		
Target :	Port	Owner		
	trackSideForCheck	CaseLinkingInUse1		
Connector3				
Source :	Port	Owner		
	errorUnlinkedBG	Owner CaseLinkingNotInUse1		
Target :	Port	Owner		
rarget .	errorUnlinkedBG	CheckBGConsistency		
	CHOIOTHIIIRCODO	Checkbedonsistency		
Connector4				
Source :	Port	Owner		
	applyServiceBrake	CaseLinkingNotInUse1		
Target :	Port	Owner		
	applyServiceBrake	CheckBGConsistency		
Connector5				
Source :	Port	Owner		
	errorLinkedBG	CaseLinkingInUse1		
Target :	Port	Owner		
	errorLinkedBG	CheckBGConsistency		
Connector6				
Source :	Port	Owner		
	passedBG_out	CaseLinkingNotInUse1		
Target :	Port	Owner		
	passedBG_out	CheckBGConsistency		

Source :				
Source:	Port	Owner		
	passedBG_out	CaseLinkingInUse1		
Target :	Port	Owner		
	passedBG_out	CheckBGConsistency		
Connector1				
Source :	Port	Owner		
	reset	F2.1 Manage_TrackSideInformation_Integration		
Target :	Port	Owner		
	reset	Receive_TrackSide_Msg		
Connector2				
Source :	Port	Owner		
	API_trackSide_Message	F2.1 Manage_TrackSideInformation_Integration		
Target :	Port	Owner		
	API_TrackSide_Msg	Receive_TrackSide_Msg		
Connector3				
0				
Source :	Port	Owner		
Source :	Port inActiveCab	Owner F2.1 Manage_TrackSideInformation_Integration		
Target :				
	inActiveCab	F2.1 Manage_TrackSideInformation_Integration		
	inActiveCab  Port	F2.1 Manage_TrackSideInformation_Integration Owner		
Target :	inActiveCab  Port	F2.1 Manage_TrackSideInformation_Integration Owner		
Target :  Connector4	inActiveCab  Port  inActualOdometry	F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg		
Target :  Connector4	inActiveCab  Port  inActualOdometry  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg  Owner		

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Connector5		
Source :	Port	Owner
	applyServiceBrake	CheckBGConsistency
Target :	Port	Owner
	ApplyServiceBrake	F2.1 Manage_TrackSideInformation_Integration
Connector6		
Source :	Port	Owner
	outTrackMessage_for_check	Receive_TrackSide_Msg
Target :	Port	Owner
	rtmMessage	CheckEuroRadioMessage
Connector7		
Source :	Port	Owner
	outMessage	InformationFilter
Target :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Connector8		
Source :	Port	Owner
	inTrainDataValid	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inTrainDataValid	InformationFilter
Connector9		
Source :	Port	Owner
	passedBG_out	CheckBGConsistency
Target :	Port	Owner
	inMessage	validateDataDirection
Connector10		
Source :	Port	Owner
	checkedMessage	CheckEuroRadioMessage
Target :	Port	Owner
	inMessage	validateDataDirection
Connector11		
Source:	Port	Owner
	outMessage	validateDataDirection
Target :	Port	Owner

InformationFilter

## Connector12

inMessage

inActiveCab F2.1 Manage_TrackSideInformation_Integration  Target:	Source :	Dowl	Ourse
Target:	oource .	Port in Active Cab	Owner  E2.1 Manage TrackSideInformation Integration
inActiveCab InformationFilter  Connector13  Source: Port Owner	Torget		
Connector13  Source: Port Owner  IntrainVersion F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  ItrainVersion CheckBGConsistency  Connector14  Source: Port Owner  ItrainPosition F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  ItrainPosition CheckBGConsistency  Connector15  Source: Port Owner  InFilterEvents F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  InformationFilter  Connector16  Source: Port Owner  InformationFilter  Connector17  Source: Port Owner  Data_to_From_Track_Packets_at_ML F2.1 Manage_TrackSideInformation_Integration  Connector17  Source: Port Owner  Data_to_From_Track_Packets_at_ML F2.1 Manage_TrackSideInformation_Integration  Connector17  Source: Port Owner  ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  InActualOdometry F2.1 Manage_TrackSideInformation_Integration  Connector1  Source: Port Owner  InActualOdometry F2.1 Manage_TrackSideInformation_Integration  F2.7 SpeedSupervision_Integration  F2.7 SpeedSupervision_Integration  Target: Port Owner  TrainPosition F2.7 SpeedSupervision_Integration  Target: Port Owner	rarget.		
Source:     intrainVersion		InactiveCab	miormationFilter
intrainVersion F2.1 Manage_TrackSideInformation_Integration  Target:  Port  CheckBGConsistency  Connector14  Source:  Port  TrainPosition  Target:  Port  Owner  trainPosition  Target:  Port  Owner  TrainPosition  CheckBGConsistency  Connector15  Source:  Port  Owner  inFilterEvents  F2.1 Manage_TrackSideInformation_Integration  CheckBGConsistency  Connector15  Source:  Port  Owner  inFilterEvents  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  inFilterEvents  InformationFilter  Connector16  Source:  Port  Owner  outPacketsForML  InformationFilter  Target:  Port  Owner  Data_to_From_Track_Packets_at_ML  F2.1 Manage_TrackSideInformation_Integration  Connector17  Source:  Port  Owner  ActualOdometry  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  ActualOdometry  F2.1 Manage_TrackSideInformation_Integration  F2.1 Manage_TrackSideInformation_Integration  F2.1 Manage_TrackSideInformation_Integration  F2.1 Manage_TrackSideInformation_Integration  F2.1 Manage_TrackSideInformation_Integration  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  inActualOdometry  Receive_TrackSide_Msg  Connector1  Source:  Port  Owner  TrainPosition  F2.7 SpeedSupervision_Integration  Target:  Port  Owner	Connector13		
Target: Port trainVersion CheckBGConsistency  Connector14 Source: Port Source: Port TrainPosition F2.1 Manage_TrackSideInformation_Integration CheckBGConsistency  Connector15 Source: Port Source: Port Source: Port Source: Port Source: Port InFilterEvents F2.1 Manage_TrackSideInformation_Integration Target: Port Source: Port Sour	Source :	Port	Owner
Connector14       Source :     Port     Owner       trainPosition     F2.1 Manage_TrackSideInformation_Integration       Target :     Port     Owner       Connector15       Source :     Port     Owner       inFilterEvents     F2.1 Manage_TrackSideInformation_Integration       Target :     Port     Owner       inFilterEvents     InformationFilter       Connector16       Source :     Port     Owner       outPacketsForML     InformationFilter       Target :     Port     Owner       Data_to_From_Track_Packets_at_ML     F2.1 Manage_TrackSideInformation_Integration       Connector17       Source :     Port     Owner       ActualOdometry     F2.1 Manage_TrackSideInformation_Integration       Target :     Port     Owner       inActualOdometry     Receive_TrackSide_Msg       Connector1       Source :     Port     Owner       inActualOdometry     Receive_TrackSide_Msg       Connector1       Source :     Port     Owner       inActualOdometry     Receive_TrackSide_Msg		intrainVersion	F2.1 Manage_TrackSideInformation_Integration
Connector14  Source:	Target :	Port	Owner
Source:		trainVersion	CheckBGConsistency
Source:	Connector14		
trainPosition F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner		Port	Owner
Target:  Port trainPosition CheckBGConsistency  Connector15  Source: Port inFilterEvents F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner inFilterEvents InformationFilter  Connector16  Source: Port Owner OutPacketsForML InformationFilter  Target: Port Owner Data_to_From_Track_Packets_at_ML F2.1 Manage_TrackSideInformation_Integration  Connector17  Source: Port Owner ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner Target: Port Owner F2.7 SpeedSupervision_Integration  Target: Port Owner TrainPosition F2.7 SpeedSupervision_Integration  Target: Port Owner			
trainPosition CheckBGConsistency  Connector15  Source:  Port  inFilterEvents  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  inFilterEvents  InformationFilter  Connector16  Source:  Port  Owner  OutPacketsForML  InformationFilter  Target:  Port  Owner  Data_to_From_Track_Packets_at_ML  F2.1 Manage_TrackSideInformation_Integration  Connector17  Source:  Port  Owner  ActualOdometry  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  ActualOdometry  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  inActualOdometry  Receive_TrackSide_Msg  Connector1  Source:  Port  Owner  TrainPosition  F2.7 SpeedSupervision_Integration  Target:  Port  Owner	Target :		·
Connector15  Source: Port Owner  inFilterEvents F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  inFilterEvents InformationFilter  Connector16  Source: Port Owner  outPacketsForML InformationFilter  Target: Port Owner  Data_to_From_Track_Packets_at_ML F2.1 Manage_TrackSideInformation_Integration  Connector17  Source: Port Owner  ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  inActualOdometry Receive_TrackSide_Msg  Connector1  Source: Port Owner  inActualOdometry Receive_TrackSide_Msg  Connector1  Source: Port Owner  TrainPosition F2.7 SpeedSupervision_Integration  Target: Port Owner	rurgot i		
Source:		traini ostion	Checkbedonsistency
inFilterEvents F2.1 Manage_TrackSideInformation_Integration  Target:  Port  inFilterEvents  InformationFilter  Connector16  Source:  Port  Owner  OutPacketsForML  InformationFilter  Target:  Port  Owner  Data_to_From_Track_Packets_at_ML  F2.1 Manage_TrackSideInformation_Integration  Connector17  Source:  Port  ActualOdometry  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  ActualOdometry  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  inActualOdometry  Receive_TrackSide_Msg  Connector1  Source:  Port  Owner  TrainPosition  F2.7 SpeedSupervision_Integration  Target:  Port  Owner			
Target:  Port  inFilterEvents  InformationFilter  Connector16  Source:  Port  Owner  OutPacketsForML  InformationFilter  Target:  Port  Owner  Data_to_From_Track_Packets_at_ML  F2.1 Manage_TrackSideInformation_Integration  Connector17  Source:  Port  Owner  ActualOdometry  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  inActualOdometry  Receive_TrackSide_Msg  Connector1  Source:  Port  Owner  F2.7 SpeedSupervision_Integration  Target:  Port  Owner  TrainPosition  F2.7 SpeedSupervision_Integration	Source :		
inFilterEvents  Connector16  Source:  Port Owner OutPacketsForML InformationFilter  Target:  Port Data_to_From_Track_Packets_at_ML F2.1 Manage_TrackSideInformation_Integration  Connector17  Source: Port Owner ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner ActualOdometry Receive_TrackSide_Msg  Connector1  Source: Port Owner F2.7 SpeedSupervision_Integration  Target: Port Owner TrainPosition F2.7 SpeedSupervision_Integration		inFilterEvents	F2.1 Manage_TrackSideInformation_Integration
Connector16  Source: Port Owner  OutPacketsForML InformationFilter  Target: Port Owner  Data_to_From_Track_Packets_at_ML F2.1 Manage_TrackSideInformation_Integration  Connector17  Source: Port Owner  ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner  inActualOdometry Receive_TrackSide_Msg  Connector1  Source: Port Owner  TrainPosition F2.7 SpeedSupervision_Integration  Target: Port Owner			
Source:  Port OutPacketsForML InformationFilter  Target:  Port Owner Data_to_From_Track_Packets_at_ML F2.1 Manage_TrackSideInformation_Integration  Connector17 Source: Port ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner inActualOdometry Receive_TrackSide_Msg  Connector1 Source: Port Owner TrainPosition F2.7 SpeedSupervision_Integration  Target: Port Owner  Owner  Target: Port Owner	Target :	Port	Owner
outPacketsForML     InformationFilter       Target:     Port     Owner       Data_to_From_Track_Packets_at_ML     F2.1 Manage_TrackSideInformation_Integration       Connector17       Source:     Port     Owner       ActualOdometry     F2.1 Manage_TrackSideInformation_Integration       Target:     Port     Owner       inActualOdometry     Receive_TrackSide_Msg       Connector1       Source:     Port     Owner       TrainPosition     F2.7 SpeedSupervision_Integration       Target:     Port     Owner	Target :		
Target:  Port  Data_to_From_Track_Packets_at_ML  F2.1 Manage_TrackSideInformation_Integration  Connector17  Source:  Port  ActualOdometry  F2.1 Manage_TrackSideInformation_Integration  Target:  Port  Owner  inActualOdometry  Receive_TrackSide_Msg  Connector1  Source:  Port  Owner  TrainPosition  F2.7 SpeedSupervision_Integration  Target:  Port  Owner  Owner			
Data_to_From_Track_Packets_at_ML F2.1 Manage_TrackSideInformation_Integration  Connector17  Source: Port Owner	Connector16	inFilterEvents	InformationFilter
Data_to_From_Track_Packets_at_ML F2.1 Manage_TrackSideInformation_Integration  Connector17  Source: Port Owner	Connector16	inFilterEvents  Port	InformationFilter  Owner
Source:  Port ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner inActualOdometry Receive_TrackSide_Msg  Connector1 Source: Port Owner TrainPosition F2.7 SpeedSupervision_Integration  Target: Port Owner	Connector16 Source:	inFilterEvents  Port  outPacketsForML	Owner InformationFilter
Source:  Port ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner inActualOdometry Receive_TrackSide_Msg  Connector1 Source: Port Owner TrainPosition F2.7 SpeedSupervision_Integration  Target: Port Owner	Connector16 Source:	inFilterEvents  Port outPacketsForML  Port	Owner InformationFilter Owner Owner
ActualOdometry F2.1 Manage_TrackSideInformation_Integration  Target: Port Owner inActualOdometry Receive_TrackSide_Msg  Connector1 Source: Port Owner TrainPosition F2.7 SpeedSupervision_Integration  Target: Port Owner	Connector16 Source: Target:	inFilterEvents  Port outPacketsForML  Port	Owner InformationFilter Owner Owner
Target:  Port inActualOdometry  Receive_TrackSide_Msg  Connector1  Source: Port Owner TrainPosition  F2.7 SpeedSupervision_Integration  Target: Port Owner	Connector16 Source: Target: Connector17	inFilterEvents  Port  outPacketsForML  Port  Data_to_From_Track_Packets_at_ML	Owner InformationFilter  Owner InformationFilter  Owner  F2.1 Manage_TrackSideInformation_Integration
inActualOdometry         Receive_TrackSide_Msg           Connector1         Source :         Port         Owner           TrainPosition         F2.7 SpeedSupervision_Integration           Target :         Port         Owner	Connector16 Source: Target: Connector17	Port outPacketsForML Port Data_to_From_Track_Packets_at_ML Port	Owner InformationFilter  Owner InformationFilter  Owner F2.1 Manage_TrackSideInformation_Integration  Owner
Connector1           Source :         Port         Owner           TrainPosition         F2.7 SpeedSupervision_Integration           Target :         Port         Owner	Connector16 Source: Target: Connector17 Source:	Port OutPacketsForML  Port Data_to_From_Track_Packets_at_ML  Port ActualOdometry	Owner InformationFilter Owner  F2.1 Manage_TrackSideInformation_Integration  Owner  F2.1 Manage_TrackSideInformation_Integration
Source: Port TrainPosition F2.7 SpeedSupervision_Integration Owner  Target: Owner	Connector16 Source: Target: Connector17 Source:	Port outPacketsForML  Port Data_to_From_Track_Packets_at_ML  Port ActualOdometry Port	Owner InformationFilter  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner
TrainPosition F2.7 SpeedSupervision_Integration  Target: Owner	Connector16 Source: Target: Connector17 Source:	Port outPacketsForML  Port Data_to_From_Track_Packets_at_ML  Port ActualOdometry Port	Owner InformationFilter Owner F2.1 Manage_TrackSideInformation_Integration Owner F2.1 Manage_TrackSideInformation_Integration Owner F2.1 Manage_TrackSideInformation_Integration Owner
Target : Port Owner	Connector16 Source: Target:  Connector17 Source: Target:	Port outPacketsForML  Port Data_to_From_Track_Packets_at_ML  Port ActualOdometry Port	Owner InformationFilter Owner F2.1 Manage_TrackSideInformation_Integration Owner F2.1 Manage_TrackSideInformation_Integration Owner F2.1 Manage_TrackSideInformation_Integration Owner
	Connector16 Source: Target:  Connector17 Source: Target: Connector1	Port outPacketsForML  Port Data_to_From_Track_Packets_at_ML  Port ActualOdometry  Port inActualOdometry	Owner InformationFilter  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg
TrainPosition InputWrapper	Connector16 Source: Target:  Connector17 Source: Target: Connector1	Port OutPacketsForML  Port Data_to_From_Track_Packets_at_ML  Port ActualOdometry  Port inActualOdometry  Port	Owner InformationFilter Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner
oc	Connector16 Source: Target:  Connector17 Source:  Target:  Connector1	Port OutPacketsForML  Port Data_to_From_Track_Packets_at_ML  Port ActualOdometry  Port inActualOdometry  Port TrainPosition	Owner InformationFilter Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner F2.7 SpeedSupervision_Integration

Source :	Port	Owner
	trainProps	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainProps	InputWrapper
Connector4		
Source :	Port	Owner
	dataFromTrackAtlas	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	dataFromTrackAtlas	InputWrapper
Connector11		
Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	ABrakeFactory
Connector12		
Source:	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData	ABrakeFactory
Connector13		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP	TargetManagement
Connector14		
Source :	Port	Owner
	mrsp_update_out	InputWrapper
Target :	Port	Owner
	MRSP_updated	TargetManagement
Connector15		
Source:	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	TargetManagement

Source :	Port	Owner
	ma_update_out	InputWrapper
Target :	Port	Owner
3	MA_updated	TargetManagement
0		
Connector17		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	TargetManagement
Connector18		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector19		·
Source :	Down	0
Source .	Port targetCollection	Owner  TargetManagement
Torquet	<u> </u>	
Target :	Port	Owner
	targetCollection	CalcBrakingCurves
Connector22		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector23		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Compostor24		
Connector24		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations

Source :	Port	Owner
	curveCollection	CalcBrakingCurves
Target :	Port	Owner
	curveCollection	LimitLocations
Connector27		
Source:	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	LimitLocations
Connector29		
Source :	Port	Owner
	T_b	ABrakeFactory
Target :	Port	Owner
	T_b	LimitLocations
Connector30		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	LimitLocations
Connector35		
Source :	Port	Owner
	locations	LimitLocations
Target :	Port	Owner
	locations	Commands
Connector36		
Source :	Port	Owner
	speeds	LimitLocations
Target :	Port	Owner
	speeds	Commands
Connector37		
Source :	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
	mrdt	Commands

Source :	Port	Owner
	FLOIisSBI1	LimitLocations
Target :	Port	Owner
	floilsSB1	Commands
Connector43		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector46		
Source :	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
- J - 1		
	target	F2.7 SpeedSupervision_Integration
Connector47		F2.7 SpeedSupervision_Integration
		F2.7 SpeedSupervision_Integration  Owner
Connector47	target	·
Connector47	target Port	Owner
Connector47 Source:	target  Port  sdmToDMI	Owner Commands
Connector47 Source:	Port sdmToDMI Port	Owner Commands Owner
Connector47 Source:	Port sdmToDMI Port	Owner Commands Owner
Connector47 Source: Target: Connector48	Port sdmToDMI Port sdmToDMI	Owner Commands Owner F2.7 SpeedSupervision_Integration
Connector47 Source: Target: Connector48	Port sdmToDMI  Port sdmToDMI  Port sdmToDMI	Owner Commands Owner F2.7 SpeedSupervision_Integration Owner

Conne	cto	r49
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Connector49			
Source :	Port	Owner	
	sdmCmd	Commands	
Target :	Port	Owner	
	sdmCommands	F2.7 SpeedSupervision_Integration	
Connector50			
Source :	Port	Owner	
	targetSpeedReached	Commands	
Target :	Port	Owner	
	Target_Speed_Reached	F2.7 SpeedSupervision_Integration	
Connector51			
Source :	Port	Owner	
	eoaOverpassed	Commands	
Target :	Port	Owner	
	EOA_overpassed	F2.7 SpeedSupervision_Integration	
Connector52			
Source :	Port	Owner	
	NationalValues	F2.7 SpeedSupervision_Integration	
Target :		Owner	
Target :	Port	Owner	
Target :	Port NationalValues	Owner Commands	
Target :  Connector53			
Connector53	NationalValues	Commands	
Connector53	NationalValues  Port	Commands Owner	
Connector53 Source:	NationalValues  Port  trainData	Owner F2.7 SpeedSupervision_Integration	
Connector53 Source:	NationalValues  Port trainData  Port	Owner F2.7 SpeedSupervision_Integration Owner	
Connector53 Source: Target:	NationalValues  Port trainData  Port	Owner F2.7 SpeedSupervision_Integration Owner	
Connector53 Source: Target: Connector54	Port trainData Port TrainData_int	Owner F2.7 SpeedSupervision_Integration Owner Commands	
Connector53 Source: Target: Connector54	Port trainData Port TrainData_int	Owner F2.7 SpeedSupervision_Integration Owner Commands Owner Commands	
Connector53 Source: Target: Connector54 Source:	Port trainData Port TrainData_int  Port trainData_int	Owner F2.7 SpeedSupervision_Integration Owner Commands  Owner F2.7 SpeedSupervision_Integration	
Connector53 Source: Target: Connector54 Source:	Port trainData Port TrainData_int  Port trainData Port Port trainData	Owner F2.7 SpeedSupervision_Integration Owner Commands  Owner F2.7 SpeedSupervision_Integration Owner F2.7 SpeedSupervision_Integration Owner	
Connector53 Source: Target:  Connector54 Source: Target:	Port trainData Port TrainData_int  Port trainData Port Port trainData	Owner F2.7 SpeedSupervision_Integration Owner Commands  Owner F2.7 SpeedSupervision_Integration Owner F2.7 SpeedSupervision_Integration Owner	
Connector53 Source: Target:  Connector54 Source: Target: Connector55	Port trainData  Port TrainData_int  Port trainData_int  Port trainData  Port trainData	Owner F2.7 SpeedSupervision_Integration Owner Commands  Owner F2.7 SpeedSupervision_Integration Owner F2.7 SpeedSupervision_Integration Owner LimitLocations	
Connector53 Source: Target:  Connector54 Source: Target: Connector55	Port trainData Port TrainData_int  Port trainData_int  Port trainData  Port trainData  Port trainData  Port trainData_int	Owner F2.7 SpeedSupervision_Integration Owner Commands  Owner F2.7 SpeedSupervision_Integration Owner F2.7 SpeedSupervision_Integration Owner LimitLocations Owner	

Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations
Connector57		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector58		
Source :	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestSB	Commands
Connector59		
Source :	Port	Owner
	Emergency_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestEB	Commands
Connector60		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector61		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector62		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	LimitLocations

Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Connector64		
Source :	Port	Owner
	odometry	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	odometry	LimitLocations
Connector65		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	AGradient
Connector66		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	AGradient
Connector67		
Source :	Port	Owner
	gp_out	InputWrapper
Target :	Port	Owner
	GradientProfile	AGradient
Connector68		
Source :	Port	Owner
	gp_update_out	InputWrapper
Target :	Port	Owner
	GradientProfile_updated	AGradient
Connector69		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData	AGradient

Source :	Port	Owner
	aBrakeSafe	ABrakeFactory
Target :	Port	Owner
	aBrakeSafe	addGradient1
Connector71		
Source :	Port	Owner
	aBrakeService	ABrakeFactory
Target :	Port	Owner
	aBrakeSafe	addGradient2
Connector72		
Source :	Port	Owner
	aSafe	addGradient1
Target :	Port	Owner
	A_Safe	CalcBrakingCurves
Connector73		
Source:	Port	Owner
	aSafe	addGradient2
Target :	Port	Owner
	A_Expected	CalcBrakingCurves
Connector74		
Source:	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient1
Connector75		
Source:	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient2
Connector1		
Source:	Port	Owner
	packet0	Build_SinglePosReport
Target :	Port	Owner
	inPacket0	AggregatePackets

Source :	Port	Owner
	packet1	Build_SinglePosReport
Target :	Port	Owner
	inPacket1	AggregatePackets
Connector3		
Source :	Port	Owner
	packet4	Build_SinglePosReport
Target :	Port	Owner
	inPacket4	AggregatePackets
Connector4		
Source :	Port	Owner
	packet5	Build_SinglePosReport
Target :	Port	Owner
	inPacket5	AggregatePackets
Connector6		
Source :	Port	Owner
	present	ReceiveReportParameters
Target :	Port	Owner
	present	PosReport_Supervision
Connector7	•	. = .
Source :	Dort	O
Source .	Port posRepParam	Owner  ReceiveReportParameters
Target :		
rarget.	Port	Owner  PosReport_Supervision
	posRepParam	Poskepoit_Supervision
Connector9		
Source :	Port	Owner
	trigger	PosReport_Supervision
Target :	Port	Owner
	reportIsSent	AddBGToFIFO
Connector10		
Source :	Port	Owner
	posRepHeader	Build_SinglePosReport
Target :	Port	Owner
	posRep	F2.8 ProvidePositionReport

Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	in_packet0	Build_SinglePosReport
Connector12		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	in_packet1	Build_SinglePosReport
Connector13		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Connector14		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	packet1	F2.8 ProvidePositionReport
Connector15		
Source :	Port	Owner
	errorVector	ErrorManager
Target :	Port	Owner
	errorMsg	Build_SinglePosReport

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Connector16		
Source :	Port	Owner
	BG_LinkingConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	BG_LinkingConsistencyError	ErrorManager
Connector17		
Source :	Port	Owner
	LinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	LinkedBG_MessageConsistencyError	ErrorManager
Connector18		G
Source :	Port	Owner
	UnlinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
<u> </u>	UnlinkedBG_MessageConsistencyError	ErrorManager
		3
Connector19		
Source :	Port	Owner
	RadioMessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	RadioMessageConsistencyError	ErrorManager
Connector20		
Source :	Port	Owner
	RadioSequenceError	F2.8 ProvidePositionReport
Target :	Port	Owner
	RadioSequenceError	ErrorManager
Connector21		
Source :	Port	Owner
	RadioSafeRadioConnectionError	F2.8 ProvidePositionReport
Target :	Port	Owner
	RadioSafeRadioConnectionError	ErrorManager
Connector22		
Source :	Port	Owner
	SafetyCriticalFailure	F2.8 ProvidePositionReport
Towart		·
Target :	Port	Owner

ErrorManager

SafetyCriticalFailure

Source :	Dow	Ourse
Source .	Port  DoubleLinkingError	Owner F2.8 ProvidePositionReport
Towart		
Target :	Port	Owner
	DoubleLinkingError	ErrorManager
Connector24		
Source :	Port	Owner
	DoubleRepositioningError	F2.8 ProvidePositionReport
Target :	Port	Owner
	DoubleRepositioningError	ErrorManager
Connector25		
Source :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
	modeLevelStatus	PosReport_Supervision
Connector26		
Source :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
3	modeLevelStatus	Build_Packets0_1
0		24.14 40.1010
Connector27		
Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	PosReport_Supervision
Connector28	posBGs	PosReport_Supervision
Connector28 Source :	posBGs  Port	PosReport_Supervision  Owner
_	·	
_	Port	Owner
Source :	Port posBGs	Owner F2.8 ProvidePositionReport
Source :	Port posBGs Port	Owner F2.8 ProvidePositionReport Owner
Source :	Port posBGs Port	Owner F2.8 ProvidePositionReport Owner
Source :  Target :  Connector29	Port posBGs Port posBGs	Owner F2.8 ProvidePositionReport  Owner  Build_Packets0_1
Source :  Target :  Connector29	Port posBGs Port posBGs Port trainPos	Owner F2.8 ProvidePositionReport  Owner Build_Packets0_1  Owner F2.8 ProvidePositionReport
Source :  Target :  Connector29 Source :	Port posBGs Port posBGs	Owner F2.8 ProvidePositionReport  Owner  Build_Packets0_1  Owner

trainPos F2.8 ProvidePositionReport  Target: Port Owner	Source :	Port	Owner
trainPos Build_Packets0_1  Connector31  Source: Port Owner			
Connector31  Source: Port Owner	Target :	Port	Owner
Source:		trainPos	Build_Packets0_1
Target: Port Odometry PosReport_Supervision  Connector32 Source: Port Odometry PosReport_Supervision  Connector32 Source: Port Odometry PosReport_Supervision  Connector33 Source: Port Odometry Build_Packets0_1  Connector33 Source: Port Owner trainProps F2.8 ProvidePositionReport  Target: Port Owner Target: Port Owner Target: Port Owner TrainProps Build_SinglePosReport  Connector35 Source: Port Owner TrainProps F2.8 ProvidePositionReport  Connector35  Source: Port Owner TrainProps F2.8 ProvidePositionReport  Connector35 Source: Port Owner TrainProps Build_Packets0_1  Connector36 Source: Port Owner TrainProps Build_Packets0_1  Connector36 Source: Port Owner TrainProps Build_Packets0_1  Connector37 Source: Port Owner InMessage ReceiveReportParameters  Connector37 Source: Port Owner Owner AddBGToFIFO Target: Port Owner	Connector31		
Target:	Source :	Port	Owner
Connector32  Source: Port Owner Odometry F2.8 ProvidePositionReport  Target: Port Owner Odometry Build_Packets0_1  Connector33  Source: Port Owner ItrainProps F2.8 ProvidePositionReport  Target: Port Owner ItrainProps Build_SinglePosReport  Connector35  Source: Port Owner ItrainProps Build_SinglePosReport  Connector35  Source: Port Owner ItrainProps F2.8 ProvidePositionReport  Target: Port Owner ItrainProps F2.8 ProvidePositionReport  Connector35  Source: Port Owner ItrainProps Build_Packets0_1  Connector36  Source: Port Owner ItrainProps Build_Packets0_1  Connector36  Source: Port Owner InMessage F2.8 ProvidePositionReport  Target: Port Owner InMessage ReceiveReportParameters  Connector37  Source: Port Owner InMessage AddBGToFIFO  Target: Port Owner		odometry	F2.8 ProvidePositionReport
Connector32  Source: Port Owner	Target :	Port	Owner
Source:			
Target: Port Odometry Build_Packets0_1  Connector33  Source: Port Vowner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_SinglePosReport  Connector35  Source: Port Vowner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage F2.8 ProvidePositionReport  Connector37  Source: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  addBGToFIFO  Target: Port Owner	Connector32		
Target: Port Owner  odometry Build_Packets0_1  Connector33  Source: Port VarianProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_SinglePosReport  Connector35  Source: Port VarianProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage F2.8 ProvidePositionReport  Connector37  Source: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  addBGToFIFO  Target: Port Owner		Port	Owner
Target:  Port Odometry Build_Packets0_1  Connector33  Source: Port Owner ItrainProps F2.8 ProvidePositionReport  Target: Port Owner ItrainProps Build_SinglePosReport  Connector35  Source: Port Owner ItrainProps F2.8 ProvidePositionReport  Target: Port Owner ItrainProps F2.8 ProvidePositionReport  Target: Port Owner ItrainProps Build_Packets0_1  Connector36  Source: Port Owner InMessage F2.8 ProvidePositionReport  Target: Port Owner InMessage F2.8 ProvidePositionReport  Connector37  Source: Port Owner InMessage ReceiveReportParameters  Connector37  Source: Port Owner AddBGToFIFO  Target: Port Owner			
Connector33  Source: Port Owner ItrainProps F2.8 ProvidePositionReport  Target: Port Owner ItrainProps Build_SinglePosReport  Connector35  Source: Port Owner ItrainProps F2.8 ProvidePositionReport  Target: Port Owner ItrainProps F2.8 ProvidePositionReport  Target: Port Owner ItrainProps Build_Packets0_1  Connector36  Source: Port Owner InMessage F2.8 ProvidePositionReport  Target: Port Owner InMessage ReceiveReportParameters  Connector37  Source: Port Owner InMessage AddBGToFIFO  Target: Port Owner	Target :	·	
Connector33  Source: Port Owner			
Source:	Connector33	·	
trainProps F2.8 ProvidePositionReport  Target: Port Owner trainProps Build_SinglePosReport  Connector35  Source: Port Owner trainProps F2.8 ProvidePositionReport  Target: Port Owner trainProps Build_Packets0_1  Connector36  Source: Port Owner inMessage F2.8 ProvidePositionReport  Target: Port Owner inMessage F2.8 ProvidePositionReport  Connector37  Source: Port Owner inMessage ReceiveReportParameters  Connector37  Source: Port Owner AddBGToFIFO  Target: Port Owner		Dow	Owner
Target:  Port  trainProps  Build_SinglePosReport  Connector35  Source:  Port  Target:  Port  Owner  trainProps  F2.8 ProvidePositionReport  Target:  Port  Owner  Build_Packets0_1  Connector36  Source:  Port  Owner  inMessage  F2.8 ProvidePositionReport  Target:  Port  Owner  inMessage  F2.8 ProvidePositionReport  Target:  Port  Owner  inMessage  ReceiveReportParameters  Connector37  Source:  Port  Owner  aut_reportedBGs  AddBGToFIFO  Target:  Port  Owner	oource .		
trainProps Build_SinglePosReport  Connector35  Source: Port Owner	Target :	<u> </u>	
Connector35  Source: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  inMessage AddBGToFIFO  Target: Port Owner	rarget .		
Source:  Port  trainProps  F2.8 ProvidePositionReport  Target:  Port  Owner  trainProps  Build_Packets0_1  Connector36  Source:  Port  inMessage  F2.8 ProvidePositionReport  Target:  Port  Owner  inMessage  F2.8 ProvidePositionReport  Target:  Port  Owner  inMessage  ReceiveReportParameters  Connector37  Source:  Port  Owner  aud_reportedBGs  AddBGToFIFO  Target:  Port  Owner		нан торо	Dulla_Olligier ostreport
trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  and Owner  AddBGToFIFO  Target: Port Owner  Owner  Owner  Owner			
Target :         Port         Owner           trainProps         Build_Packets0_1           Connector36           Source :         Port         Owner           inMessage         F2.8 ProvidePositionReport           Target :         Port         Owner           inMessage         ReceiveReportParameters           Connector37         Source :         Port         Owner           out_reportedBGs         AddBGToFIFO           Target :         Port         Owner	Source :		
Connector36         Port         Owner           Source :         Port         F2.8 ProvidePositionReport           Target :         Port         Owner           inMessage         ReceiveReportParameters           Connector37         Source :         Port         Owner           out_reportedBGs         AddBGToFIFO           Target :         Port         Owner		<u> </u>	·
Connector36           Source :         Port         Owner           inMessage         F2.8 ProvidePositionReport           Target :         Port         Owner           inMessage         ReceiveReportParameters           Connector37         Source :         Port         Owner           out_reportedBGs         AddBGToFIFO           Target :         Port         Owner	Target:		
Source :         Port         Owner           inMessage         F2.8 ProvidePositionReport           Target :         Port         Owner           inMessage         ReceiveReportParameters           Connector37         Source :         Port         Owner           out_reportedBGs         AddBGToFIFO           Target :         Port         Owner			
inMessage         F2.8 ProvidePositionReport           Target :         Port         Owner           inMessage         ReceiveReportParameters           Connector37         Owner         Owner           Source :         Port         Owner           out_reportedBGs         AddBGToFIFO           Target :         Port         Owner			
Target :         Port inMessage         Owner ReceiveReportParameters           Connector37         Source :         Port Owner Out_reportedBGs         AddBGToFIFO           Target :         Port         Owner			
inMessage         ReceiveReportParameters           Connector37         Owner           Source :         Port         Owner           out_reportedBGs         AddBGToFIFO           Target :         Port         Owner	Connector36	trainProps	Build_Packets0_1
Connector37           Source :         Port         Owner           out_reportedBGs         AddBGToFIFO           Target :         Port         Owner	Connector36	trainProps  Port	Build_Packets0_1  Owner
Source :         Port out_reportedBGs         Owner AddBGToFIFO           Target :         Port Owner	Connector36 Source:	trainProps  Port  inMessage	Build_Packets0_1  Owner  F2.8 ProvidePositionReport
out_reportedBGs AddBGToFIFO  Target: Port Owner	Connector36 Source:	Port inMessage Port	Owner F2.8 ProvidePositionReport Owner
Target : Port Owner	Connector36 Source: Target:	Port inMessage Port	Owner F2.8 ProvidePositionReport Owner
	Connector36 Source: Target: Connector37	Port inMessage Port inMessage	Owner F2.8 ProvidePositionReport  Owner ReceiveReportParameters
reportedBGs ReceiveReportParameters	Connector36 Source: Target: Connector37	Port inMessage Port inMessage Port Port	Owner F2.8 ProvidePositionReport Owner ReceiveReportParameters Owner
	Connector36 Source: Target: Connector37 Source:	Port inMessage Port inMessage Port out_reportedBGs	Owner F2.8 ProvidePositionReport Owner ReceiveReportParameters Owner AddBGToFIFO

Source :	Port	Owner
	t_train	F2.8 ProvidePositionReport
Target :	Port	Owner
	t_train	Build_SinglePosReport
Connector39		
Source :	Dow	Ourses
Source .	Port prvDirTrain	Owner F2.8 ProvidePositionReport
Townst	<u> </u>	
Target :	Port	Owner
	prvDirTrain	Build_Packets0_1
Connector41		
Source :	Port	Owner
	train2trackStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
	train2trackStatus	Build_Packets0_1
Connector42		
Source :	Port	Owner
	trackInfo	F2.8 ProvidePositionReport
Target :	Port	Owner
	trackInfo	PosReport_Supervision
	u domino	i serteper_eapsivision
Connector43		
Source :	Port	Owner
	systemTime	F2.8 ProvidePositionReport
Target :	Port	Owner
	systemTime	PosReport_Supervision
Connector44		
Source :	Port	Owner
	rcbComm	F2.8 ProvidePositionReport
Target :	Port	Owner
	rbcComm	PosReport_Supervision
Connector45		
Connector45 Source:	Port	Owner
	Port train2trackStatus	Owner F2.8 ProvidePositionReport
Source :	train2trackStatus	F2.8 ProvidePositionReport

Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	AddBGToFIFO
Connector47		
Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Target :	Port	Owner
	reportedBGs	AddBGToFIFO
Connector51	·	
Source :	Port	Owner
	prvDirTrain	F2.8 ProvidePositionReport
Target :	Port	Owner
9	prvDirTrain	PosReport_Supervision
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Connector52		
Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Townst		
Target :	Port	Owner
Target :	Port reportedBGs	Owner PosReport_Supervision
Target :  Connector53		
Connector53	reportedBGs	PosReport_Supervision
Connector53	reportedBGs  Port	PosReport_Supervision  Owner
Connector53 Source:	reportedBGs  Port  trainProps	PosReport_Supervision  Owner  F2.8 ProvidePositionReport
Connector53 Source:	Port trainProps Port	Owner F2.8 ProvidePositionReport Owner
Connector53 Source: Target:	Port trainProps Port	Owner F2.8 ProvidePositionReport Owner
Connector53 Source: Target: Connector1	Port trainProps Port trainProps	Owner F2.8 ProvidePositionReport  Owner PosReport_Supervision
Connector53 Source: Target: Connector1	Port trainProps Port trainProps Port Port	Owner F2.8 ProvidePositionReport Owner PosReport_Supervision Owner Owner
Connector53 Source: Target:  Connector1 Source:	Port trainProps Port trainProps Port trainProps	Owner F2.8 ProvidePositionReport Owner PosReport_Supervision Owner PosReport_Supervision
Connector53 Source: Target:  Connector1 Source:	Port trainProps  Port trainProps  Port trainProps  Port port reset Port	Owner F2.8 ProvidePositionReport Owner PosReport_Supervision Owner F2.3 trainData Owner
Connector53 Source: Target:  Connector1 Source: Target:	Port trainProps  Port trainProps  Port trainProps  Port port reset Port	Owner F2.8 ProvidePositionReport Owner PosReport_Supervision Owner F2.3 trainData Owner
Connector53 Source: Target:  Connector1 Source: Target:  Connector2	Port trainProps  Port trainProps  Port trainProps  Port reset Port reset	Owner F2.8 ProvidePositionReport  Owner PosReport_Supervision  Owner F2.3 trainData  Owner trainDataStorage
Connector53 Source: Target:  Connector1 Source: Target:  Connector2	Port trainProps Port trainProps  Port trainProps  Port reset Port reset Port reset	Owner F2.8 ProvidePositionReport Owner PosReport_Supervision  Owner F2.3 trainData Owner trainDataStorage  Owner
Connector53 Source: Target:  Connector1 Source: Target:  Connector2 Source:	Port trainProps  Port trainProps  Port trainProps  Port reset  Port reset  Port reset  reset	Owner F2.8 ProvidePositionReport Owner PosReport_Supervision  Owner F2.3 trainData Owner trainDataStorage  Owner F2.3 trainData

Source :	Port	Owner
	trainDatafromDriver	F2.3 trainData
Target :	Port	Owner
	trainDatafromDriver	trainDataStorage
Connector4		
Source :	Port	Owner
	trainDataAckfromDriver	F2.3 trainData
Target :	Port	Owner
	trainDataAckfromDriver	trainDataStorage
Connector5		
Source :	Port	Owner
	trackMessages	F2.3 trainData
Target :	Port	Owner
		ala a al-Da dia Managana
	trackMessages	checkRadioMessages
Connector6	trackMessages	cneckRadioMessages
Connector6 Source:	trackMessages  Port	Owner
	<u> </u>	
	Port	Owner
Source :	Port eventsForTrainData	Owner F2.3 trainData
Source :	Port eventsForTrainData Port	Owner F2.3 trainData Owner
Source : Target :	Port eventsForTrainData Port	Owner F2.3 trainData Owner
Source :  Target :  Connector7	Port eventsForTrainData  Port eventsForTrainData	Owner F2.3 trainData  Owner trainDataStorage
Source :  Target :  Connector7	Port eventsForTrainData  Port eventsForTrainData  Port	Owner F2.3 trainData Owner trainDataStorage Owner

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Connector8		
Source :	Port	Owner
	actualTrainData	trainDataStorage
Target :	Port	Owner
	actualTrainData	F2.3 trainData
Connector9		
Source :	Port	Owner
	p0_positionReport	F2.3 trainData
Target :	Port	Owner
	p0_positionReport	sendValidTrainDataRBC
Connector10		
Source :	Port	Owner
	p1_positionReport	F2.3 trainData
Target :	Port	Owner
	p1_positionReport	sendValidTrainDataRBC
Connector11		
Source :	Port	Owner
	nidEngine	F2.3 trainData
Target :	Port	Owner
	nidEngine	sendValidTrainDataRBC
Connector12		
Source :	Port	Owner
	nidEngine	F2.3 trainData
Target :	Port	Owner
	nidEngine	sendAcknowledgementRBC
Connector13		
Source :	Port	Owner
	t_train	F2.3 trainData
Target :	Port	Owner
	evc_t_train	sendValidTrainDataRBC
Connector14		
Source :	Port	Owner
	t_train	F2.3 trainData
Target :	Port	Owner

send Acknowledgement RBC

### Connector15

EVC\_t\_train

Source :	Port	Owner
	trackMessages	F2.3 trainData
Target :	Port	Owner
	RBC_timeStamp	sendAcknowledgementRBC
Connector16		
Source :	Port	Owner
	outMessageBus	sendAcknowledgementRBC
Target :	Port	Owner
	outMessageBus	F2.3 trainData
Connector17	<u>_</u>	
Source :	Dort	O
Source .	Port	Owner sendValidTrainDataRBC
Torget	outMessageBus	
Target :	Port	Owner
	outMessageBus	F2.3 trainData
Connector18		
Source :	Port	Owner
	MessageBus	F2.3 trainData
	<u>_</u>	
Target :	Port	Owner
Target :	<u> </u>	Owner sendAcknowledgementRBC
Target :  Connector19	Port	
	Port	
Connector19	Port MessageBus	sendAcknowledgementRBC
Connector19	Port MessageBus Port	sendAcknowledgementRBC  Owner
Connector19 Source:	Port MessageBus  Port MessageBus	SendAcknowledgementRBC  Owner  F2.3 trainData
Connector19 Source:	Port MessageBus  Port MessageBus  Port	SendAcknowledgementRBC  Owner  F2.3 trainData  Owner
Connector19 Source: Target:	Port MessageBus  Port MessageBus  Port	SendAcknowledgementRBC  Owner  F2.3 trainData  Owner
Connector19 Source: Target: Connector1	Port MessageBus  Port MessageBus  Port MessageBus  Port MessageBus	SendAcknowledgementRBC  Owner  F2.3 trainData  Owner  sendValidTrainDataRBC
Connector19 Source: Target: Connector1	Port MessageBus  Port MessageBus  Port MessageBus  Port MessageBus	Owner F2.3 trainData Owner sendValidTrainDataRBC Owner
Connector19 Source: Target: Connector1 Source:	Port MessageBus  Port MessageBus  Port MessageBus  Port API_fromTIU	Owner F2.3 trainData Owner sendValidTrainDataRBC  Owner SendValidTrainDataRBC
Connector19 Source: Target: Connector1 Source:	Port MessageBus  Port MessageBus  Port MessageBus  Port API_fromTIU  Port	Owner F2.3 trainData Owner sendValidTrainDataRBC  Owner F2 ETCS Kernel Owner
Connector19 Source:  Target:  Connector1 Source:  Target:	Port MessageBus  Port MessageBus  Port MessageBus  Port API_fromTIU  Port	Owner F2.3 trainData Owner sendValidTrainDataRBC  Owner F2 ETCS Kernel Owner
Connector19 Source: Target:  Connector1 Source: Target: Connector10	Port MessageBus  Port MessageBus  Port MessageBus  Port API_fromTIU  Port inTIUfromAPI	Owner F2.3 trainData Owner sendValidTrainDataRBC  Owner F2 ETCS Kernel Owner F2 ETCS Kernel Owner F2.12 manageTIU_input
Connector19 Source: Target:  Connector1 Source: Target: Connector10	Port MessageBus  Port MessageBus  Port MessageBus  Port API_fromTIU  Port inTIUfromAPI  Port API_SystemTime	Owner F2.3 trainData Owner sendValidTrainDataRBC  Owner F2 ETCS Kernel Owner F2.12 manageTIU_input  Owner F2 ETCS Kernel
Connector19 Source: Target: Connector1 Source: Target: Connector10 Source:	Port MessageBus  Port MessageBus  Port MessageBus  Port API_fromTIU  Port inTIUfromAPI	Owner F2.3 trainData Owner sendValidTrainDataRBC  Owner F2 ETCS Kernel Owner F2.12 manageTIU_input  Owner

Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.1 Manage_TrackSideInformation_Integration
Connector12		
Source :	Port	Owner
	API_fromTrack	F2 ETCS Kernel
Target :	Port	Owner
	API_trackSide_Message	F2.1 Manage_TrackSideInformation_Integration
Connector13		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	ActualOdometry	F2.1 Manage_TrackSideInformation_Integration
Connector30		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.3 trainData
Connector31		
Source :	Port	Owner
	API_fromTrack	F2 ETCS Kernel
Target :	Port	Owner
	trackMessages	F2.3 trainData
Connector32		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	t_train	F2.3 trainData
Connector38		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.6 calculateTrainPosition

Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	currentOdometry	F2.6 calculateTrainPosition
Connector41		
Source :	Port	Owner
	API_fromDMI	F2 ETCS Kernel
Target :	Port	Owner
	fromDMI	F2.10 manageDMI_Input
Connector42		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	currentTime	F2.9 MoRC_HO
Connector43		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.9 MoRC_HO
Connector44		
Source :	Port	Owner
	to_DMI	F2.11 manageDMI_Output
Target :	Port	Owner
	API_toDMI	F2 ETCS Kernel
Connector45		
Source :	Port	Owner
	outTIU_to_API	F2.13 manageTIU_output
Target :	Port	Owner
	API_toTIU	F2 ETCS Kernel
Connector46		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPosition	F2.1 Manage_TrackSideInformation_Integration

Target:  Port  inAnnouncedBGs  F2.1 Manage_TrackSideInformation  Connector51  Source:  Port  fromDMI_TrainRunningNumber  Target:  Port  Owner  trainProperties  F2.10 manageDMI_Input  F2.10 manageDMI_Input  Target:  Port  Owner  trainProperties  F2.6 calculateTrainPosition  Connector52  Source:  Port  Owner  Target:  F2.6 calculateTrainPosition  Connector52  Source:  Port  Owner  F2.3 trainData	on_Integration out
inAnnouncedBGs F2.1 Manage_TrackSideInformation  Connector51  Source: Port Owner fromDMI_TrainRunningNumber F2.10 manageDMI_Inpu  Target: Port Owner trainProperties F2.6 calculateTrainPosition  Connector52  Source: Port Owner	ut
Connector51  Source: Port Owner fromDMI_TrainRunningNumber F2.10 manageDMI_Input  Target: Port Owner trainProperties F2.6 calculateTrainPosition  Connector52  Source: Port Owner	ut
Source:  Port fromDMI_TrainRunningNumber F2.10 manageDMI_Input Target: Port trainProperties F2.6 calculateTrainPosition  Connector52 Source: Port Owner Owner	
fromDMI_TrainRunningNumber F2.10 manageDMI_Input  Target:  Port  trainProperties  Connector52  Source:  Port  Owner  Owner  Owner	
Target:  Port trainProperties F2.6 calculateTrainPosition  Connector52 Source: Port Owner	
trainProperties F2.6 calculateTrainPosition  Connector52  Source: Port Owner	ion
Connector52 Source: Port Owner	ion
Source : Port Owner	
Total	
actualTrainData F2.3 trainData	
1210 1141112414	
Target : Port Owner	
trainProperties F2.6 calculateTrainPosition	ion
Connector53	
Source : Port Owner	
outputMessage F2.1 Manage_TrackSideInformation	n_Integration
Target : Port Owner	
msgFromTrack F2.6 calculateTrainPosition	ion
Connector54	
Source : Port Owner	
trainPosition F2.6 calculateTrainPosition	ion
Target : Port Owner	
inTrainPosition F2.11 manageDMI_Outp	put
Connector55	
Source : Port Owner	
trainPosition F2.6 calculateTrainPosition	ion
Target : Port Owner	
TrainPosition F2.7 SpeedSupervision_Integ	gration
Connector56	
Source : Port Owner	
trainPosition F2.6 calculateTrainPosition	ion
Target : Port Owner	
trainPos F2.8 ProvidePositionRep	oort

Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
rarget .	Data_From_Localisation	F2.5 ManageLevelAndMode
	Data_F10H1_E0Calisation	F2.5 ManageLeverAndivioue
Connector58		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	statusValid_Position_from_Position_Calculation	F2.2 Manage_ETCS_Procedures
Connector59		
Source :	Dont	0
Source .	Port trainPosition	Owner F2.6 calculateTrainPosition
Target :	Port	Owner
	prvDirTrain	F2.8 ProvidePositionReport
Connector60		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Connector61		
Source :	Dort	Ourman
Source.	Port	Owner F2 Cooley lete Train Position
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner

F2.8 ProvidePositionReport

DoubleRepositioningError

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Connector62		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	DoubleLinkingError	F2.8 ProvidePositionReport
Connector63		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	BG_LinkingConsistencyError	F2.8 ProvidePositionReport
Connector64		
Source :	Port	Owner
	API_fromDMI	F2 ETCS Kernel
Target :	Port	Owner
	fromDMI	F2.10 manageDMI_Input
Connector65		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	dmiStatusReset	F2.10 manageDMI_Input
Connector66		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	inSystemTime	F2.10 manageDMI_Input
Connector67		
Source :	Port	Owner
	outStatusList	F2.11 manageDMI_Output
Target :	Port	Owner
	inStatusList	F2.10 manageDMI_Input
Connector68		
Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner

statusDMI\_from\_DMI

F2.2 Manage\_ETCS\_Procedures

Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner
	incurrentDMIStatus	F2.11 manageDMI_Output
Connector70		
Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner Owner
Jan 3	LevelValid_from_Level_and_Mode_Management	F2.2 Manage_ETCS_Procedures
Compostor74		. =.=aa.ge_=e.eee
Connector71 Source:		•
Source .	Port outUpdateLevelsDMI	Owner F2.10 manageDMI_Input
Target :	·	<u> </u>
rarget.	Port dmiUpdateLevelsDMI	Owner F2.11 manageDMI_Output
	umopuateLevelsDivii	F2.11 ManageDivii_Output
Connector72		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProperties	F2.9 MoRC_HO
Connector73		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProps	F2.7 SpeedSupervision_Integration
Connector74		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProps	F2.8 ProvidePositionReport
Connector75		
Source :	Port	Owner
Γ	fromDMI_TrainData	F2.10 manageDMI_Input
Target :	Port	Owner
	trainDatafromDriver	F2.3 trainData
Connector76		

Source :	Port	Owner
	fromDMI_TrainDataAck	F2.10 manageDMI_Input
Target :	Port	Owner
	trainDataAckfromDriver	F2.3 trainData
Connector77		
Source :	Port	Owner
	forModesAndLevel	F2.10 manageDMI_Input
Target :	Port	Owner
	Data_From_DMI	F2.5 ManageLevelAndMode
Connector78		
Source :	Port	Owner
	ML_levelTransition	F2.10 manageDMI_Input
Target :	Port	Owner
	driver_level_transition_In	F2.5 ManageLevelAndMode
Connector79		
Source :	Port	Owner
	outStatusList	F2.10 manageDMI_Input
Target :	Port	Owner
	inStatusList	F2.11 manageDMI_Output
Connector80		
Source :	Port	Owner
	outDriverRequest	F2.10 manageDMI_Input
Target :	Port	Owner
	status_DMllevel_from_DMl	F2.2 Manage_ETCS_Procedures
Connector81		
Connector81  Source:	Port	Owner
	Port updatedNTC	Owner F2.10 manageDMI_Input
Source :	updatedNTC	F2.10 manageDMI_Input
Source :	updatedNTC Port	F2.10 manageDMI_Input  Owner
Source : Target :	updatedNTC Port	F2.10 manageDMI_Input  Owner
Source :  Target :  Connector82	updatedNTC  Port  train2trackStatus	F2.10 manageDMI_Input  Owner  F2.8 ProvidePositionReport
Source :  Target :  Connector82	updatedNTC  Port  train2trackStatus  Port	F2.10 manageDMI_Input  Owner  F2.8 ProvidePositionReport  Owner

Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	inOdometry	F2.11 manageDMI_Output
Connector84		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	inSystemTime	F2.11 manageDMI_Output
Connector85		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	TIU_TrainStatus	F2.11 manageDMI_Output
Connector86		
Source :	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	inBrakeCommand	F2.11 manageDMI_Output
Connector87		
Source :	Port	Owner
	sdmToDMI	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	inSpeedSupervision	F2.11 manageDMI_Output
Connector88		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	inModeAndLevel	F2.11 manageDMI_Output
Connector89		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainDataFromEVC	F2.11 manageDMI_Output

Source :	Port	Owner
	DMI_Entry_Request_to_DMI	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	dmi_entryRequest	F2.11 manageDMI_Output
Connector91		
Source :	Port	Owner
	BadBaliseMessageToDMI	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	dmi_fromBG	F2.11 manageDMI_Output
Connector93		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	evc_trainData	F2.12 manageTIU_input
Connector94		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
Target :	Port cabStatus_from_TIU	Owner F2.2 Manage_ETCS_Procedures
Target :  Connector95		
		F2.2 Manage_ETCS_Procedures
Connector95	cabStatus_from_TIU	
Connector95	cabStatus_from_TIU  Port	F2.2 Manage_ETCS_Procedures  Owner
Connector95 Source:	cabStatus_from_TIU  Port  outTIUStatus	F2.2 Manage_ETCS_Procedures  Owner  F2.12 manageTIU_input
Connector95 Source:	cabStatus_from_TIU  Port outTIUStatus  Port	F2.2 Manage_ETCS_Procedures  Owner  F2.12 manageTIU_input  Owner
Connector95 Source: Target:	cabStatus_from_TIU  Port outTIUStatus  Port	F2.2 Manage_ETCS_Procedures  Owner  F2.12 manageTIU_input  Owner  F2.1 Manage_TrackSideInformation_Integration
Connector95 Source: Target: Connector96	cabStatus_from_TIU  Port outTIUStatus  Port inActiveCab	F2.2 Manage_ETCS_Procedures  Owner  F2.12 manageTIU_input  Owner
Connector95 Source: Target: Connector96	Port outTIUStatus  Port inActiveCab  Port outTIUStatus	F2.2 Manage_ETCS_Procedures  Owner  F2.12 manageTIU_input  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner
Connector95 Source: Target: Connector96 Source:	Port outTIUStatus Port inActiveCab Port	F2.2 Manage_ETCS_Procedures  Owner F2.12 manageTIU_input  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.12 manageTIU_input
Connector95 Source: Target: Connector96 Source:	Port outTIUStatus  Port inActiveCab  Port outTIUStatus  Port Port OutTIUStatus	P2.2 Manage_ETCS_Procedures  Owner F2.12 manageTIU_input  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.12 manageTIU_input  Owner  F2.12 manageTIU_input  Owner
Connector95 Source: Target:  Connector96 Source: Target:	Port outTIUStatus  Port inActiveCab  Port outTIUStatus  Port Port OutTIUStatus	F2.2 Manage_ETCS_Procedures  Owner F2.12 manageTIU_input  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.12 manageTIU_input  Owner  F2.12 manageTIU_input  Owner
Connector95 Source: Target:  Connector96 Source: Target: Connector97	Port outTIUStatus  Port inActiveCab  Port outTIUStatus  Port Cab_In	F2.2 Manage_ETCS_Procedures  Owner F2.12 manageTIU_input  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.12 manageTIU_input  Owner F2.12 manageTIU_input  F2.5 ManageLevelAndMode
Connector95 Source: Target:  Connector96 Source: Target: Connector97	Port outTIUStatus  Port inActiveCab  Port outTIUStatus  Port Cab_In	Procedures  Owner  F2.12 manageTIU_input  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner  F2.12 manageTIU_input  Owner  F2.12 manageTIU_input  Owner  F2.5 ManageLevelAndMode  Owner
Connector95 Source: Target:  Connector96 Source:  Target:  Connector97 Source:	Port outTIUStatus  Port inActiveCab  Port outTIUStatus  Port Cab_In  Port OutTIUCurrentInfo	P2.2 Manage_ETCS_Procedures  Owner F2.12 manageTIU_input  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.12 manageTIU_input  Owner F2.5 ManageLevelAndMode  Owner F2.12 manageTIU_input

Source:	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	in_brake_command	F2.13 manageTIU_output
Connector10	11	
Source:	Port	Owner
	EB_Requested	F2.5 ManageLevelAndMode
Target :	Port	Owner
	Emergency_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Connector10	2	
Source:	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
_		
_	odometry	F2.7 SpeedSupervision_Integration
Connector10	-	F2.7 SpeedSupervision_Integration
	-	F2.7 SpeedSupervision_Integration  Owner
Connector10	3	·
Connector10	Port	Owner
Connector10 Source:	Port actualTrainData	Owner F2.3 trainData
Connector10 Source:	Port actualTrainData  Port trainProps	Owner F2.3 trainData Owner
Connector10 Source:	Port actualTrainData  Port trainProps	Owner F2.3 trainData Owner
Connector10 Source: Target: Connector10	Port actualTrainData Port trainProps	Owner F2.3 trainData Owner F2.7 SpeedSupervision_Integration
Connector10 Source: Target: Connector10	Port actualTrainData  Port trainProps  Port	Owner F2.3 trainData  Owner F2.7 SpeedSupervision_Integration  Owner

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Source:	Port	Owner
	ApplyServiceBrake	F2.1 Manage_TrackSideInformation_Integration
Target:	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration

Source:	Port	Owner
	API_fromTIU	F2 ETCS Kernel
Target:	Port	Owner
	trainDatafromTIU	F2.3 trainData

#### Connector107

Source:	Port	Owner
	outputMessageForRadioAck	F2.1 Manage_TrackSideInformation_Integration
Target:	Port	Owner
	trackMessages	F2.3 trainData

#### Connector109

Source :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Target :	Port	Owner
	p0_positionReport	F2.3 trainData

#### Connector110

Source :	Port	Owner
	packet1	F2.8 ProvidePositionReport
Target :	Port	Owner
	p1_positionReport	F2.3 trainData

# Connector111

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProps	F2.8 ProvidePositionReport

#### Connector112

Source:	Port	Owner
	updatedStatus	F2.3 trainData
Target :	Port	Owner
	inFilterEvents	F2.1 Manage_TrackSideInformation_Integration

Source :	Port	Owner
	updatedStatus	F2.3 trainData
Target :	Port	Owner
	inTrainDataValid	F2.1 Manage_TrackSideInformation_Integration
Connector116		
Source :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inMessage	F2.8 ProvidePositionReport
Connector117		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	LinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Connector118		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	UnlinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Connector119		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	RadioMessageConsistencyError	F2.8 ProvidePositionReport
Connector120		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	RadioSequenceError	F2.8 ProvidePositionReport
Connector121		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_From_F2_Functions	F2.5 ManageLevelAndMode

Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
S	tatusModeandLevel_from_Level_and_Mode_Managem	F2.2 Manage_ETCS_Procedures
Connector125		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	systemTime	F2.8 ProvidePositionReport
Connector126		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	odometry	F2.8 ProvidePositionReport
Connector127		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	in_train_commands	F2.13 manageTIU_output
Connector128		
Source :	Port	Owner
	Data_To_DMI_Ack	F2.5 ManageLevelAndMode
Target :	Port	Owner
	inModeLevel_Ack	F2.11 manageDMI_Output
Connector129		
Source :	Port	Owner
	announcedLevel	F2.5 ManageLevelAndMode
Target :	Port	Owner
	announcedLevel	F2.11 manageDMI_Output
Connector130		
Source :	Port	Owner
	Service_Brake_Command	F2.5 ManageLevelAndMode
Target :	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration

Source :	Port	Owner
	Data_to_From_Track_Packets_at_ML	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_From_Track_Packets	F2.5 ManageLevelAndMode
Connector132		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	modeAndLevel	F2.1 Manage_TrackSideInformation_Integration
Connector133		
Source :	Port	Owner
	forLevelManagement	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_from_Track_MASSPGradient	F2.5 ManageLevelAndMode
Connector134		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Connector135		
Source :	Port	Owner
	posRep	F2.8 ProvidePositionReport
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector150		
Source :	Port	Owner
	outMessageBus	F2.3 trainData
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector157		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	transitionPositionPassed	F2.1 Manage_TrackSideInformation_Integration
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Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	Data_From_Localisation	F2.5 ManageLevelAndMode
Connector162		
Source :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	MessageIn	F2.4 TrackAtlas
Connector163		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	ModeAndLevel_in	F2.4 TrackAtlas
Connector164		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	TrainData_in	F2.4 TrackAtlas
Connector165		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	train_length	F2.4 TrackAtlas
Connector166	<u> </u>	
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	TrainPositionIn	F2.4 TrackAtlas
Connector167		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	SystemTime	F2.4 TrackAtlas
	C) 515	. 2 114010 1140

Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	odometry	F2.4 TrackAtlas
Connector169	·	
Source :	Port	Owner
	sdmToDMI	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	preindicationLocation	F2.4 TrackAtlas
Connector170		
Source :	Port	Owner
	outForMA	F2.10 manageDMI_Input
Target :	Port	Owner
	fromDriverToMA_R	F2.4 TrackAtlas
Connector171	fromDriverToMA_R	F2.4 TrackAtlas
Connector171 Source:	fromDriverToMA_R  Port	F2.4 TrackAtlas  Owner
	Port	Owner
Source :	Port actualTrainData	Owner F2.3 trainData
Source :	Port actualTrainData Port	Owner F2.3 trainData Owner
Source :	Port actualTrainData Port	Owner F2.3 trainData Owner
Source :  Target :  Connector172	Port actualTrainData  Port trainProps	Owner F2.3 trainData Owner F2.4 TrackAtlas
Source :  Target :  Connector172	Port actualTrainData Port trainProps Port	Owner F2.3 trainData Owner F2.4 TrackAtlas Owner

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Source:	Port	Owner
	packet0	F2.8 ProvidePositionReport
Target:	Port	Owner
	packet0	F2.4 TrackAtlas

Source:	Port	Owner
	packet1	F2.8 ProvidePositionReport
Target:	Port	Owner
	packet1	F2.4 TrackAtlas

#### Connector175

Source:	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target:	Port	Owner
	t_train	F2.4 TrackAtlas

#### Connector178

Source:	Port	Owner
	To_ModeAndLevel	F2.4 TrackAtlas
Target:	Port	Owner
	Data_From_Track_Messages	F2.5 ManageLevelAndMode

#### Connector179

Source :	Port	Owner
	to_DMI	F2.4 TrackAtlas
Target :	Port	Owner
	dmi_trackDescription	F2.11 manageDMI_Output

#### Connector180

Source:	Port	Owner
	to_Supervision	F2.4 TrackAtlas
Target :	Port	Owner
	dataFromTrackAtlas	F2.7 SpeedSupervision_Integration

#### Connector181

Source:	Port	Owner
	MA_request_out	F2.4 TrackAtlas
Target:	Port	Owner
	API toEuroradio	F2 ETCS Kernel

Target: tr  Connector185 Source:	Port rainRunningNumber  Port ainProps  Port _Odometry	Owner F2.10 manageDMI_Input  Owner F2.4 TrackAtlas  Owner
Target : tr  Connector185 Source :	Port ainProps  Port Odometry	Owner F2.4 TrackAtlas Owner
Connector185 Source:	ainProps  Port  Odometry	F2.4 TrackAtlas  Owner
Connector185 Source:	Port _Odometry	Owner
Source:	_Odometry	
	_Odometry	
API	·	
		F2 ETCS Kernel
Target :	Port	Owner
Data_Fro	om_Localisation	F2.5 ManageLevelAndMode
Connector188		
Source :	Port	Owner
outN	/lessageBus	F2.3 trainData
Target :	Port	Owner
	bus_in	F2.4 TrackAtlas
	DU3_III	1 Z. T HOW WAS
Connector190		
Source :	Port	Owner
	bus_out	F2.4 TrackAtlas
Target :	Port	Owner
Me	essageBus	F2.8 ProvidePositionReport
Connector191		
Source :	Port	Owner
API_m	obileHWStatus	F2 ETCS Kernel
Target :	Port	Owner
mobileReg	istrationContext_1	F2.9 MoRC_HO
Connector192	'	
Source :	Dord	O
	Port obileHWStatus	Owner F2 ETCS Kernel
Target:	Port Contact 4	Owner F0.0 Mapo
mobileCor	nectionContext_1	F2.9 MoRC_HO
Connector193		
Source :	Port	Owner
Compatible	_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	mode	F2.9 MoRC_HO

Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	level	F2.9 MoRC_HO
Connector195		
Source :	Port	Owner
	powerUp_to_MoRC	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
rangot r	eventsAndPhases	F2.9 MoRC_HO
_		1 2.3 MoNG_110
Connector196		
Source :	Port	Owner
	statusstartofmissionongoing_to_MoRC	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector197		
Source :	Port	Owner
	powerOff_to_MoRC	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector198		
Source :	Port	Owner
r	equest_Start_Mobile_Terminal_and_RBC_Registration_	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector199	'	<del></del>
Source :		0
oodree .	Port  Compatible_Mode_And_Level	Owner F2.5 ManageLevelAndMode
Torget		
Target :	Port eventsAndPhases	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector200		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	t_train	F2.9 MoRC_HO

Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	t_train_global	F2.9 MoRC_HO
Connector202		
Source :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	dataFromTrack_in	F2.9 MoRC_HO
Connector203		
Source :	Port	Owner
	posReport	F2.8 ProvidePositionReport
Target :	Port	Owner
	msgBusToRBC_in	F2.9 MoRC_HO
Connector204		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPosition	F2.9 MoRC_HO
Connector205		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	BGs	F2.9 MoRC_HO
Connector206		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProperties	F2.9 MoRC_HO
Connector207		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	mobileStatus	F2.2 Manage_ETCS_Procedures

Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	radioStatus	F2.1 Manage_TrackSideInformation_Integration
Connector209		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	inMoRC_status	F2.11 manageDMI_Output
Connector210		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	eventsForTrainData	F2.3 trainData
Connector211		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	rcbComm	F2.8 ProvidePositionReport
Connector212		
Source :	Port	Owner
	mobileConnectionCmd_1	F2.9 MoRC_HO
Target :	mobileConnectionCmd_1  Port	F2.9 MoRC_HO Owner
Target :		
Target :  Connector213	Port	Owner
	Port	Owner
Connector213	Port API_toEuroradio	Owner F2 ETCS Kernel
Connector213	Port API_toEuroradio Port	Owner F2 ETCS Kernel Owner
Connector213 Source:	Port API_toEuroradio  Port mobileRegistrationCmd_1	Owner F2 ETCS Kernel  Owner F2.9 MoRC_HO
Connector213 Source:	Port  API_toEuroradio  Port  mobileRegistrationCmd_1  Port	Owner F2 ETCS Kernel  Owner F2.9 MoRC_HO Owner
Connector213 Source: Target:	Port  API_toEuroradio  Port  mobileRegistrationCmd_1  Port	Owner F2 ETCS Kernel  Owner F2.9 MoRC_HO Owner
Connector213 Source: Target: Connector214	Port API_toEuroradio  Port mobileRegistrationCmd_1 Port API_toEuroradio	Owner F2 ETCS Kernel  Owner F2.9 MoRC_HO Owner F2 ETCS Kernel
Connector213 Source: Target: Connector214	Port API_toEuroradio  Port mobileRegistrationCmd_1  Port API_toEuroradio  Port	Owner F2 ETCS Kernel  Owner F2.9 MoRC_HO Owner F2 ETCS Kernel  Owner

Source :	Port	Owner
	ready	F2.9 MoRC_HO
Target :	Port	Owner
	eventsForTrainData	F2.3 trainData
Connector216		
Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	intrainVersion	F2.1 Manage_TrackSideInformation_Integration
Connector217		
Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
Target :	Port q_nvlocacc	Owner F2.1 Manage_TrackSideInformation_Integration
Target :  Connector218		
Connector218	q_nvlocacc	F2.1 Manage_TrackSideInformation_Integration
Connector218	q_nvlocacc  Port	F2.1 Manage_TrackSideInformation_Integration  Owner
Connector218 Source:	q_nvlocacc  Port  API_persistentDataIn	F2.1 Manage_TrackSideInformation_Integration  Owner  F2 ETCS Kernel
Connector218 Source:	q_nvlocacc  Port  API_persistentDataIn  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  F2 ETCS Kernel  Owner
Connector218 Source: Target:	q_nvlocacc  Port  API_persistentDataIn  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  F2 ETCS Kernel  Owner
Connector218 Source: Target: Connector219	q_nvlocacc  Port  API_persistentDataIn  Port  tNvContact	F2.1 Manage_TrackSideInformation_Integration  Owner  F2 ETCS Kernel  Owner  F2.1 Manage_TrackSideInformation_Integration
Connector218 Source: Target: Connector219	q_nvlocacc  Port API_persistentDataIn  Port tNvContact  Port	F2.1 Manage_TrackSideInformation_Integration  Owner F2 ETCS Kernel  Owner F2.1 Manage_TrackSideInformation_Integration  Owner

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Connector22	0	
Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	P203V1_onboard	F2.4 TrackAtlas
Connector22	1	
Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	PermanentDataP003	F2.4 TrackAtlas
Connector22	2	
Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	ERTMS_capabilities_In	F2.5 ManageLevelAndMode
Connector22	3	
Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	Data_From_STM	F2.5 ManageLevelAndMode
Connector22	4	
Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Connector22	5	
Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	t_train	F2.8 ProvidePositionReport
Connector1		
Source :	Port	Owner
	TracksideOut	F1 Receive Information from Trackside

Owner

F2 ETCS Kernel

#### Connector2

Target:

Port

API\_fromTrack

Source:	Port	Owner
	DMIOut	F6 DMI Controller
Target :	Port	Owner
	API_fromDMI	F2 ETCS Kernel
Connector3		
Source :	Port	Owner
	API_toDMI	F2 ETCS Kernel
Target :	Port	Owner
	DMIIn	F6 DMI Controller
Connector4		
Source :	Port	Owner
	API_toTIU	F2 ETCS Kernel
Target :	Port	Owner
	TIUIn	F7 TIU Controller
Connector5		
Source :	Port	Owner
	TIUOut	F7 TIU Controller
Target :	Port	Owner
	API_fromTIU	F2 ETCS Kernel
Connector6		
Source :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Target :	Port	Owner
	RadioIn	F4 Radio Communication Controller
Connector7		
Source :	Port	Owner
	RadioOut	F4 Radio Communication Controller
Target :	Port	Owner
	API_mobileHWStatus	F2 ETCS Kernel
Connector8		
Source :	Port	Owner
	OdometryOut	F3 Measure Train Movement
Target :	Port	Owner
	API_Odometry	F2 ETCS Kernel

Source :	Port	Owner
	RBCBTMIn	ETCS OBU
Target :	Port	Owner
	RBCBTMIn	F1 Receive Information from Trackside
Connector17		
Source :	Port	Owner
	OdometryIn	ETCS OBU
Target :	Port	Owner
	OdometryIn	F3 Measure Train Movement
Connector19		
Source :	Port	Owner
	PersistentDataOut	F8 Persistent Data
Target :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Connector20	·	
Source :	Port	Owner
	API_persistentDataOut	F2 ETCS Kernel
Target :	Port	Owner
	PersistentDataIn	F8 Persistent Data
Connector3		
Source :	Port	Owner
	Output1	Eurobalise
Target :	Port	Owner
	Input1	ERTMS Track
Connector6	·	
Source :	Port	Owner
	Output1	ERTMS Track
Target :	Port	Owner
	RBCBTMIn	ETCS OBU
Connector7		
Source :	Port	Owner
	Output1	Configuration
Target :	Port	
i di got i	Input1	Owner ETCS OBU
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Source :	Port	Owner
	Output1	Train Movement
Target :	Port	Owner
	OdometryIn	ETCS OBU
Connector11		
Source :	Port	Owner
	Output1	RBC
Target :	Port	Owner
	Input2	ERTMS Track
Connector12		
Source :	Port	Owner
	Output2	Eurobalise
Target :	Port	Owner
	Input1	Interlocking
Connector13		
Source :	Port	Owner
	Output1	Interlocking
Target :	Port	Owner
	Input1	Eurobalise
Connector14		
Source :	Port	Owner
	Output2	RBC
Target :	Port	Owner
	Input2	Interlocking
Connector15		
Source :	Port	Owner
	Output2	Interlocking
Target :	Port	Owner
	Input1	RBC
Connector16		
Source :	Port	Owner
	DriverOut	ETCS OBU
Target :	Port	Owner
	Input1	Driver

Source	
DriverIn   ETCS OBU	
Connector18           Source :         Port         Owner           RBCOut         ETCS OBU           Target :         Port         Owner           Input2         RBC           Connector19         Owner           Source :         Port         Owner           RBC         Target :         Port         Owner           RBCIN         ETCS OBU           Connector20         Source :         Port         Owner           Output1         Train           Target :         Port         Owner	
Source :         Port         Owner           RBCOut         ETCS OBU           Target :         Port         Owner           Input2         RBC           Connector19           Source :         Port         Owner           Output3         RBC           Target :         Port         Owner           RBCIN         ETCS OBU           Connector20           Source :         Port         Owner           Output1         Train           Target :         Port         Owner	
RBCOut   ETCS OBU	
Target :         Port         Owner           Input2         RBC           Connector19           Source :         Port         Owner           Output3         RBC           Target :         Port         Owner           RBCIN         ETCS OBU           Connector20         Source :         Port         Owner           Output1         Train           Target :         Port         Owner	
Input2 RBC	
Connector19         Source :         Port         Owner           Output3         RBC           Target :         Port         Owner           RBCIN         ETCS OBU           Connector20         Source :         Port         Owner           Output1         Train           Target :         Port         Owner	
Source :         Port         Owner           Coutput3         RBC           Target :         Port         Owner           RBCIN         ETCS OBU           Connector20         Source :         Port         Owner           Output1         Train           Target :         Port         Owner	
Output3         RBC           Target :         Port         Owner           RBCIN         ETCS OBU           Connector20         Port         Owner           Source :         Port         Output1         Train           Target :         Port         Owner	
Target :         Port RBCIN         Owner ETCS OBU           Connector20         Source :         Port Owner Output1         Train           Target :         Port Owner         Owner	
RBCIN         ETCS OBU           Connector20         Source :         Port         Owner           Output1         Train           Target :         Port         Owner	
Connector20           Source :         Port         Owner           Output1         Train           Target :         Port         Owner	
Source :         Port         Owner           Output1         Train           Target :         Port         Owner	
Output1 Train  Target: Port Owner	
Target: Port Owner	
TrainIn ETCS OBU	
1.66.65	
Connector21	
Source : Port Owner	
TrainOut ETCS OBU	
Target : Port Owner	
Input1 Train	
Connector1	
Source : Port Owner	
trackSide_ForCheck CheckBGConsistency	
Target : Port Owner	
trackSideForCheck CaseLinkingNotInUse1	
Connector2	
Source : Port Owner	
trackSide_ForCheck CheckBGConsistency	
Target: Port Owner	
trackSideForCheck CaseLinkingInUse1	

Source :	Port	Owner
	errorUnlinkedBG	CaseLinkingNotInUse1
Target :	Port	Owner
	errorUnlinkedBG	CheckBGConsistency
Connector4		
Source :	Port	Owner
	applyServiceBrake	CaseLinkingNotInUse1
Target :	Port	Owner
	applyServiceBrake	CheckBGConsistency
Connector5		
Source :	Port	Owner
	errorLinkedBG	CaseLinkingInUse1
Target :	Port	Owner
	errorLinkedBG	CheckBGConsistency
Connector6		
Connectors		
Source :	Port	Owner
	Port passedBG_out	Owner CaseLinkingNotInUse1
Source :	passedBG_out	CaseLinkingNotInUse1
Source :	passedBG_out  Port	CaseLinkingNotInUse1  Owner
Source : Target :	passedBG_out  Port	CaseLinkingNotInUse1  Owner
Source :  Target :  Connector7	passedBG_out  Port  passedBG_out	CaseLinkingNotInUse1  Owner  CheckBGConsistency
Source :  Target :  Connector7	passedBG_out  Port  passedBG_out  Port	CaseLinkingNotInUse1  Owner  CheckBGConsistency  Owner

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Connector1		
Source :	Port	Owner
	reset	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	reset	Receive_TrackSide_Msg
Connector2		
Source :	Port	Owner
	API_trackSide_Message	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	API_TrackSide_Msg	Receive_TrackSide_Msg
Connector3		
Source :	Port	Owner
	inActiveCab	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inActualOdometry	Receive_TrackSide_Msg
Connector4		
Source :	Port	Owner
	outTrackMessage_for_check	Receive_TrackSide_Msg
Target :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Connector5		
Source :	Port	Owner
	applyServiceBrake	CheckBGConsistency
Target :	Port	Owner
	ApplyServiceBrake	F2.1 Manage_TrackSideInformation_Integration
Connector6		
Source :	Port	Owner
	outTrackMessage_for_check	Receive_TrackSide_Msg
Target :	Port	Owner
	rtmMessage	CheckEuroRadioMessage
Connector7		
Source :	Port	Owner
	outMessage	InformationFilter
Target :	Port	Owner

F2.1 Manage\_TrackSideInformation\_Integration

outputMessage

Source :	Port	Owner
	inTrainDataValid	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inTrainDataValid	InformationFilter
Connector9		
Source :	Port	Owner
	passedBG_out	CheckBGConsistency
Target :	Port	Owner
	inMessage	validateDataDirection
Commontonto	3	
Connector10	-	
Source :	Port	Owner
	checkedMessage	CheckEuroRadioMessage
Target :	Port	Owner
	inMessage	validateDataDirection
Connector11		
Source :	Port	Owner
	outMessage	validateDataDirection
Target :	Port	Owner
	inMessage	InformationFilter
Connector12		
Source :	Port	Owner
	inActiveCab	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inActiveCab	InformationFilter
Connector13		
Source :	Port	Owner
	intrainVersion	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	trainVersion	CheckBGConsistency
Connector14		
Source :	Port	Owner
	trainPosition	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	trainPosition	CheckBGConsistency
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Source:    Port
Target:  Port  inFilterEvents  Connector16  Source:  Port  Owner  Owner  OutPacketsForML  InformationFilter  Target:  Port  Owner
inFilterEvents         InformationFilter           Connector16         Source :         Port         Owner           outPacketsForML         InformationFilter           Target :         Port         Owner
Connector16           Source :         Port         Owner           outPacketsForML         InformationFilter           Target :         Port         Owner
Source :         Port outPacketsForML         Owner InformationFilter           Target :         Port Owner
outPacketsForML InformationFilter  Target: Port Owner
Target: Port Owner
Data_to_F10ffi_F1ack_Fackets_at_ML F2.1 Manage_f1ackSidefillofffation_integration
Connector17
Source : Port Owner
ActualOdometry F2.1 Manage_TrackSideInformation_Integration
Target: Owner
inActualOdometry Receive_TrackSide_Msg
Connector1
Source : Port Owner
TrainPosition F2.7 SpeedSupervision_Integration
Target : Port Owner
TrainPosition InputWrapper
Connector3
Source : Port Owner
trainProps F2.7 SpeedSupervision_Integration
Target : Port Owner
trainProps InputWrapper
Connector4
Source : Port Owner
dataFromTrackAtlas F2.7 SpeedSupervision_Integration
Target : Port Owner
dataFromTrackAtlas InputWrapper
Connector11
Source : Port Owner
NationalValues F2.7 SpeedSupervision_Integration
Target: Owner
NationalValues ABrakeFactory

Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData	ABrakeFactory
Connector13		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP	TargetManagement
Connector14		
Source :	Port	Owner
	mrsp_update_out	InputWrapper
Target :	Port	Owner
	MRSP_updated	TargetManagement
Connector15		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	TargetManagement
Connector16		
Source :	Port	Owner
	ma_update_out	InputWrapper
Target :	Port	Owner
	MA_updated	TargetManagement
Connector17		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	TargetManagement
Connector18		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves

Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	CalcBrakingCurves
Connector22		
Source:	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector23		
Source:	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Connector24		
Source:	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations
Connector26		
Source :	Port	Owner
	curveCollection	CalcBrakingCurves
Target :	Port	Owner
	curveCollection	LimitLocations
Connector27		
Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	LimitLocations
Connector29		
Source:	Port	Owner
	T_b	ABrakeFactory
Target :	Port	Owner
	T_b	LimitLocations

Source :	Port	Owner
	ma_out	InputWrapper
Target :		
rarget.	Port	Owner
	MA	LimitLocations
Connector35		
Source :	Port	Owner
	locations	LimitLocations
Target :	Port	Owner
	locations	Commands
Connector36		
Source :	Port	Owner
	speeds	LimitLocations
Target :	Port	Owner
	speeds	Commands
Connector37		
Source:	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
	mrdt	Commands
Connector38		
Source :	Port	Owner
	FLOIisSBI1	LimitLocations
Target :	Port	Owner
	floilsSB1	Commands

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Connector43		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector46		
Source :	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
	target	F2.7 SpeedSupervision_Integration
Connector47		
Source :	Port	Owner
	sdmToDMI	Commands
Target :	Port	Owner
	sdmToDMI	F2.7 SpeedSupervision_Integration
Connector48		
Source :	Port	Owner
	brakeCmd	Commands
Target :	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Connector49		
Source :	Port	Owner
	sdmCmd	Commands
Target :	Port	Owner
	sdmCommands	F2.7 SpeedSupervision_Integration
Connector50		
Source :	Port	Owner
	targetSpeedReached	Commands
Target :	Port	Owner
	Target_Speed_Reached	F2.7 SpeedSupervision_Integration
Connector51		
Source :	Port	Owner
	eoaOverpassed	Commands
Target :	Port	Owner

EOA\_overpassed

F2.7 SpeedSupervision\_Integration

Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	Commands
Connector53		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	TrainData_int	Commands
Connector54		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData_int	LimitLocations
Connector55		
Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	LimitLocations
Connector56		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations
Connector57		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector58		
Source :	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestSB	Commands

Source :	Port	Owner
	Emergency_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestEB	Commands
Connector60		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector61		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector62		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	LimitLocations
Connector63		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Connector64		
Source :	Port	Owner
	odometry	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	odometry	LimitLocations
Connector65		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	AGradient

Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	AGradient
Connector67		
Source :	Port	Owner
	gp_out	InputWrapper
Target :	Port	Owner
	GradientProfile	AGradient
Connector68		
Source :	Port	Owner
	gp_update_out	InputWrapper
Target :	Port	Owner
	GradientProfile_updated	AGradient
Connector69		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData	AGradient
Connector70		
Source :	Port	Owner
	aBrakeSafe	ABrakeFactory
Target :	Port	Owner
	aBrakeSafe	addGradient1
Connector71		
Source :	Port	Owner
	aBrakeService	ABrakeFactory
Target :	Port	Owner
Target :	Port aBrakeSafe	Owner addGradient2
Target :  Connector72		
Connector72	aBrakeSafe	addGradient2
Connector72	aBrakeSafe Port	addGradient2  Owner

Source :	Port	Owner
	aSafe	addGradient2
Target :	Port	Owner
	A_Expected	CalcBrakingCurves
Connector74		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient1
Connector75		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient2
Connector1		
Source :	Port	Owner
	packet0	Build_SinglePosReport
Target :	Port	Owner
	inPacket0	AggregatePackets
Connector2		
Source :	Port	Owner
	packet1	Build_SinglePosReport
Target :	Port	Owner
	inPacket1	AggregatePackets
Connector3		
Source :	Port	Owner
	packet4	Build_SinglePosReport
Target :	Port	Owner
	inPacket4	AggregatePackets
Connector4		
Source :	Port	Owner
	packet5	Build_SinglePosReport
Torget		0
Target :	Port	Owner

Source :	Port	Owner
	present	ReceiveReportParameters
Target :	Port	Owner
	present	PosReport_Supervision
Connector7		
Source :	Port	Owner
	posRepParam	ReceiveReportParameters
Target :	Port	Owner
	posRepParam	PosReport_Supervision
Connector9		
Source :	Port	Owner
	trigger	PosReport_Supervision
Target :	Port	Owner
	reportIsSent	AddBGToFIFO
Connector10		
Source :	Port	Owner
	posRepHeader	Build_SinglePosReport
Target :	Port	Owner
	posRep	F2.8 ProvidePositionReport
Connector11		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	in_packet0	Build_SinglePosReport

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Connector12		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	in_packet1	Build_SinglePosReport
Connector13		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Connector14		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	packet1	F2.8 ProvidePositionReport
Connector15	·	
Source :	Port	Owner
	errorVector	ErrorManager
Target :	Port	Owner
	errorMsg	Build_SinglePosReport
Connector16		
Source :	Port	Owner
	BG_LinkingConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	BG_LinkingConsistencyError	ErrorManager
Connector17	,	
Source :	Port	Owner
oouroo :	LinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
ranger r	LinkedBG_MessageConsistencyError	ErrorManager
0		oage
Connector18		
Source :	Port	Owner
Tanasi	UnlinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner

ErrorManager

 $Unlinked BG\_Message Consistency Error$ 

Source :	Port	Owner
	RadioMessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	RadioMessageConsistencyError	ErrorManager
Connector20	,	.,
Source :	Port	Owner
	RadioSequenceError	F2.8 ProvidePositionReport
Target :	Port	Owner
	RadioSequenceError	ErrorManager
Connector21		.9
Source:	5.	
Source .	Port  RadioSafeRadioConnectionError	Owner F2.8 ProvidePositionReport
Townst		·
Target :	Port  Partia Cofe Partia Commenting France	Owner
	RadioSafeRadioConnectionError	ErrorManager
Connector22		
Source :	Port	Owner
	SafetyCriticalFailure	F2.8 ProvidePositionReport
Target :	Port	Owner
Target :	Port SafetyCriticalFailure	Owner ErrorManager
Target :  Connector23		
Connector23	SafetyCriticalFailure	ErrorManager
Connector23	SafetyCriticalFailure  Port	ErrorManager Owner
Connector23 Source:	SafetyCriticalFailure  Port  DoubleLinkingError	ErrorManager  Owner  F2.8 ProvidePositionReport
Connector23 Source:	SafetyCriticalFailure  Port  DoubleLinkingError  Port	Owner F2.8 ProvidePositionReport Owner
Connector23 Source: Target:	SafetyCriticalFailure  Port  DoubleLinkingError  Port	Owner F2.8 ProvidePositionReport Owner
Connector23 Source: Target: Connector24	Port DoubleLinkingError Port DoubleLinkingError	Owner F2.8 ProvidePositionReport Owner ErrorManager
Connector23 Source: Target: Connector24	Port DoubleLinkingError Port DoubleLinkingError Port DoubleLinkingError	Owner F2.8 ProvidePositionReport Owner ErrorManager Owner
Connector23 Source: Target: Connector24 Source:	Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleRepositioningError	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner ErrorManager
Connector23 Source: Target: Connector24 Source:	Port DoubleLinkingError Port DoubleLinkingError  Port DoubleLinkingError  Port Port Port Port Port Port Port	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner ErrorManager  Owner F2.8 ProvidePositionReport Owner FOUNDER OWNER
Connector23 Source: Target:  Connector24 Source: Target:	Port DoubleLinkingError Port DoubleLinkingError  Port DoubleLinkingError  Port Port Port Port Port Port Port	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner ErrorManager  Owner F2.8 ProvidePositionReport Owner FOUNDER OWNER
Connector23 Source: Target:  Connector24 Source: Target:  Connector25	Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleRepositioningError  Port DoubleRepositioningError	Owner F2.8 ProvidePositionReport  Owner ErrorManager  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner ErrorManager
Connector23 Source: Target:  Connector24 Source: Target:  Connector25	Port DoubleLinkingError Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleRepositioningError  Port DoubleRepositioningError  Port Port DoubleRepositioningError	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner ErrorManager  Owner  Owner  Owner  Owner  Owner  Owner
Connector23 Source: Target:  Connector24 Source: Target:  Connector25 Source:	Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleLinkingError  Port DoubleRepositioningError  Port DoubleRepositioningError  Port DoubleRepositioningError	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner ErrorManager  Owner F2.8 ProvidePositionReport

Source :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
	modeLevelStatus	Build_Packets0_1
Connector27		
Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	PosReport_Supervision
Connector28		
Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	Build_Packets0_1
Connector29		
Source :	Port	Owner
	trainPos	F2.8 ProvidePositionReport
Target :	Port	Owner
	trainPos	PosReport_Supervision
Connector30		
Source :	Port	Owner
	trainPos	F2.8 ProvidePositionReport
Target :	Port	Owner
	trainPos	Build_Packets0_1
Connector31		
Source :	Port	Owner
	odometry	F2.8 ProvidePositionReport
Target :	Port	Owner
	odometry	PosReport_Supervision
Connector32		
Source :	Port	Owner
	odometry	F2.8 ProvidePositionReport
Target :	Port	Owner
	odometry	Build_Packets0_1

trainProps  Target: Port Downer  ItaniProps  Build_SinglePosReport  Connector35  Source: Port Downer  ItaniProps F2.8 ProvidePositionReport  Target: Port Downer  ItaniProps F2.8 ProvidePositionReport  Target: Port Downer  ItaniProps Build_Packets0_1  Connector36  Source: Port Downer InMessage F2.8 ProvidePositionReport  Target: Port Downer InMessage ReceiveReportParameters  Connector37  Source: Port Downer  Owner  Owner  Target: Port Downer  F2.8 ProvidePositionReport  Connector39  Source: Port Downer  F2.8 ProvidePositionReport  Target: Port Downer  F2.8 ProvidePositionReport  Connector41  Source: Port Downer  Target: Port Downer	Source :	Port	Owner
Target:			
trainProps  Build_SinglePosReport  Connector35  Source: Port Owner	Target :	·	
Connector35  Source: Port Owner			
Source:		uaiii ropo	Dana_Onigion contopont
trainProps  Target:  Port  Owner  trainProps  Build_Packets0_1  Connector36  Source:  Port  Owner  inMessage  F2.8 ProvidePositionReport  Target:  Port  Owner  inMessage  ReceiveReportParameters  Connector37  Source:  Port  Owner  out_reportedBGs  Target:  Port  Owner  reportedBGs  Source:  Port  Owner  ReceiveReportParameters  Connector38  Source:  Port  Owner  Target:  Port  Owner  Target:  Port  Owner  Target:  Port  Owner  t_train  F2.8 ProvidePositionReport  Connector39  Source:  Port  Owner  t_train  Build_SinglePosReport  Connector39  Source:  Port  Owner  Target:  Port  Owner  DescriptionReport  Connector39  Source:  Port  Owner  prvDiTTain  Build_Packets0_1  Connector41  Source:  Port  Owner  PortOwner  F2.8 ProvidePositionReport  Connector41  Source:  Port Owner  PortOwner  PortOwne			
Target:	Source :		
trainProps  Build_Packets0_1  Connector36  Source: Port Owner inMessage F2.8 ProvidePositionReport  Target: Port Owner inMessage ReceiveReportParameters  Connector37  Source: Port Owner cut_reportedBGs AddBGToFIFO  Target: Port Owner reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner TeportedBGs ReceiveReportParameters  Connector38  Source: Port Owner Target: Port Owner  Connector39  Source: Port Owner Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner  Target: Port Owner		trainProps	F2.8 ProvidePositionReport
Connector36  Source: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  reportedBGs AddBGToFIFO  Target: Port Owner  reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  Target: Port Owner  t_train F2.8 ProvidePositionReport  Target: Port Owner  Connector39  Source: Port Owner  t_train Build_SinglePosReport  Connector39  Source: Port Owner  Target: Port Owner  Connector39  Source: Port Owner  Target: Port Owner  Connector41  Source: Port Owner  prvDirTrain F2.8 ProvidePositionReport  Target: Port Owner  prvDirTrain F2.8 ProvidePositionReport  Target: Port Owner  F2.8 ProvidePositionReport  Connector41  Source: Port Owner  train2trackStatus F2.8 ProvidePositionReport  Target: Port Owner	Target :	Port	Owner
Source   Port   Owner		trainProps	Build_Packets0_1
inMessage F2.8 ProvidePositionReport  Target: Port Owner inMessage ReceiveReportParameters  Connector37  Source: Port Owner out_reportedBGs AddBGToFIFO  Target: Port Owner reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner t_train F2.8 ProvidePositionReport  Target: Port Owner  t_train Build_SinglePosReport  Connector39  Source: Port Owner t_train F2.8 ProvidePositionReport  Target: Port Owner Target: Port Owner  Target: Port Owner  Target: Port Owner  Downer  Target: Port Owner  Target: Port Owner  Downer  Downer  Target: Port Owner	Connector36		
Target :         Port         Owner           inMessage         ReceiveReportParameters           Connector37         Source :         Port         Owner           out_reportedBGs         AddBGToFIFO         AddBGToFIFO           Target :         Port         Owner           reportedBGs         ReceiveReportParameters           Connector38         Source :         Port         Owner           1train         F2.8 ProvidePositionReport           Target :         Port         Owner           Connector39         Source :         Port         Owner           prvDirTrain         F2.8 ProvidePositionReport           Target :         Port         Owner           prvDirTrain         Build_Packets0_1           Connector41         Source :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport	Source :	Port	Owner
inMessage ReceiveReportParameters  Connector37  Source: Port Owner		inMessage	F2.8 ProvidePositionReport
Connector37         Source :         Port out_reportedBGs         AddBGToFIFO           Target :         Port Owner           reportedBGs         ReceiveReportParameters           Connector38           Source :         Port Owner           1 train         F2.8 ProvidePositionReport           Target :         Port Owner           2 connector39         Source :         Port Owner           3 cource :         Port Owner           4 counce to prvDirTrain         F2.8 ProvidePositionReport           Connector41         Source :         Port Owner           5 cource :         Port Owner	Target :	Port	Owner
Source :         Port out_reportedBGs         AddBGToFIFO           Target :         Port Owner           reportedBGs         ReceiveReportParameters           Connector38           Source :         Port Owner           t_train         F2.8 ProvidePositionReport           Target :         Port Owner           t_train         Build_SinglePosReport           Connector39           Source :         Port Owner           prvDirTrain         F2.8 ProvidePositionReport           Target :         Port Owner           prvDirTrain         Build_Packets0_1           Connector41           Source :         Port Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port Owner		inMessage	ReceiveReportParameters
Source :         Port out_reportedBGs         AddBGToFIFO           Target :         Port Owner           reportedBGs         ReceiveReportParameters           Connector38           Source :         Port Owner           t_train         F2.8 ProvidePositionReport           Target :         Port Owner           t_train         Build_SinglePosReport           Connector39           Source :         Port Owner           prvDirTrain         F2.8 ProvidePositionReport           Target :         Port Owner           prvDirTrain         Build_Packets0_1           Connector41           Source :         Port Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port Owner	Connector37		
out_reportedBGs         AddBGToFIFO           Target :         Port         Owner           reportedBGs         ReceiveReportParameters           Connector38           Source :         Port         Owner           t_train         F2.8 ProvidePositionReport           Target :         Port         Owner           prvDirTrain         F2.8 ProvidePositionReport           Target :         Port         Owner           prvDirTrain         Build_Packets0_1           Connector41         Source :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port         Owner		Port	Owner
Target:  Port reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  t_train F2.8 ProvidePositionReport  Target: Port Owner  t_train Build_SinglePosReport  Connector39  Source: Port Owner  prvDirTrain F2.8 ProvidePositionReport  Target: Port Owner  prvDirTrain F2.8 ProvidePositionReport  Connector41  Source: Port Owner  prvDirTrain Build_Packets0_1  Connector41  Source: Port Owner  train2trackStatus F2.8 ProvidePositionReport  Target: Owner			
reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner	Target :	·	
Connector38         Source :         Port train         Owner           Target :         Port Owner         Owner           t_train         Build_SinglePosReport           Connector39           Source :         Port Owner           prvDirTrain         F2.8 ProvidePositionReport           Target :         Port Owner           prvDirTrain         Build_Packets0_1           Connector41           Source :         Port Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port Owner	9		
Source :         Port         Owner           t_train         F2.8 ProvidePositionReport           Target :         Port         Owner           t_train         Build_SinglePosReport           Connector39         Owner           Source :         Port         Owner           prvDirTrain         F2.8 ProvidePositionReport           Target :         Port         Owner           prvDirTrain         Build_Packets0_1           Connector41         Source :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port         Owner	0.0000000000000000000000000000000000000		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
t_train         F2.8 ProvidePositionReport           Target :         Port (train)         Owner (Description Report)           Connector39         Source :         Port (PrvDirTrain)         Owner (PrvDirTrain)           Target :         Port (PrvDirTrain)         Owner (PrvDirTrain)           Connector41         Source :         Port (PrvDirTrain)         Owner (PrvDirTrain)           Target :         Port (PrvDirTrain)         Owner (PrvDirTrain)			
Target :         Port train         Owner Build_SinglePosReport           Connector39         Source :         Port PrvDirTrain         Owner F2.8 ProvidePositionReport           Target :         Port PrvDirTrain         Owner PrvDirTrain           Build_Packets0_1         Connector41           Source :         Port PrvDirTrain         Owner PrvDirTrain           Target :         Port PrvDirTrain         Owner PrvDirTrain           Target :         Port PrvDirTrain         Owner PrvDirTrain	Source :		
t_train         Build_SinglePosReport           Connector39         Source :         Port         Owner           prvDirTrain         F2.8 ProvidePositionReport           Target :         Port         Owner           prvDirTrain         Build_Packets0_1           Connector41         Source :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port         Owner			
Connector39           Source :         Port         Owner           prvDirTrain         F2.8 ProvidePositionReport           Target :         Port         Owner           prvDirTrain         Build_Packets0_1           Connector41         Source :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port         Owner	larget :		
Source :         Port         Owner           prvDirTrain         F2.8 ProvidePositionReport           Target :         Port         Owner           prvDirTrain         Build_Packets0_1           Connector41         Source :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port         Owner		t_train	Build_SinglePosReport
prvDirTrain     F2.8 ProvidePositionReport       Target :     Port     Owner       prvDirTrain     Build_Packets0_1       Connector41       Source :     Port     Owner       train2trackStatus     F2.8 ProvidePositionReport       Target :     Port     Owner	Connector39		
Target :         Port prvDirTrain         Owner Build_Packets0_1           Connector41         Source :         Port prvDirTrain         Owner ProvidePositionReport           Target :         Port ProvidePositionReport         Owner	Source :	Port	Owner
prvDirTrain         Build_Packets0_1           Connector41         Owner           Source :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port         Owner		prvDirTrain	F2.8 ProvidePositionReport
Connector41           Source :         Port         Owner           train2trackStatus         F2.8 ProvidePositionReport           Target :         Port         Owner	Target :	Port	Owner
Source:  Port train2trackStatus  F2.8 ProvidePositionReport  Target:  Port Owner		prvDirTrain	Build_Packets0_1
train2trackStatus F2.8 ProvidePositionReport  Target: Port Owner	Connector41		
Target : Port Owner	Source :	Port	Owner
		train2trackStatus	F2.8 ProvidePositionReport
train2trackStatus Build_Packets0_1	Target :	Port	Owner
		train2trackStatus	Build_Packets0_1

Source :	Port	Owner
	trackInfo	F2.8 ProvidePositionReport
Target :	Port	Owner
	trackInfo	PosReport_Supervision
Connector43		
Source :	Port	Owner
	systemTime	F2.8 ProvidePositionReport
Target :	Port	Owner
	systemTime	PosReport_Supervision
Connector44	·	·
Source :	Port	Owner
	rcbComm	F2.8 ProvidePositionReport
Target :	Port	Owner
July 3	rbcComm	PosReport_Supervision
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Connector45		
Source :	Port	Owner
	train2trackStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
Target :	Port train2trackStatus	Owner PosReport_Supervision
Target :  Connector46		
Connector46	train2trackStatus	PosReport_Supervision
Connector46	train2trackStatus  Port	PosReport_Supervision Owner
Connector46 Source:	train2trackStatus  Port  posBGs	PosReport_Supervision  Owner  F2.8 ProvidePositionReport
Connector46 Source:	Port posBGs Port	Owner F2.8 ProvidePositionReport Owner
Connector46 Source:	Port posBGs Port	Owner F2.8 ProvidePositionReport Owner
Connector46 Source: Target: Connector47	Port posBGs Port posBGs	Owner F2.8 ProvidePositionReport  Owner AddBGToFIFO
Connector46 Source: Target: Connector47	Port posBGs Port posBGs Port posBGs	Owner F2.8 ProvidePositionReport Owner AddBGToFIFO Owner
Connector46 Source: Target: Connector47 Source:	Port posBGs Port posBGs Port posBGs	Owner F2.8 ProvidePositionReport Owner AddBGToFIFO Owner ReceiveReportParameters
Connector46 Source: Target: Connector47 Source:	Port posBGs Port posBGs Port posBGs Port post post Port port out_reportedBGs Port	Owner F2.8 ProvidePositionReport  Owner AddBGToFIFO  Owner ReceiveReportParameters Owner
Connector46 Source: Target:  Connector47 Source: Target:	Port posBGs Port posBGs Port posBGs Port post post Port port out_reportedBGs Port	Owner F2.8 ProvidePositionReport  Owner AddBGToFIFO  Owner ReceiveReportParameters Owner
Connector46 Source: Target:  Connector47 Source: Target: Connector51	Port posBGs Port posBGs  Port posBGs  Port post out_reportedBGs  Port reportedBGs	Owner F2.8 ProvidePositionReport  Owner AddBGToFIFO  Owner ReceiveReportParameters  Owner AddBGToFIFO
Connector46 Source: Target:  Connector47 Source: Target: Connector51	Port posBGs Port posBGs  Port posBGs  Port out_reportedBGs  Port reportedBGs  Port reportedBGs	Owner F2.8 ProvidePositionReport  Owner AddBGToFIFO  Owner ReceiveReportParameters  Owner AddBGToFIFO  Owner F2.8 ProvidePositionReport
Connector46 Source: Target:  Connector47 Source: Target: Connector51 Source:	Port posBGs Port posBGs Port posBGs  Port post out_reportedBGs Port reportedBGs	Owner F2.8 ProvidePositionReport Owner AddBGToFIFO  Owner ReceiveReportParameters Owner AddBGToFIFO  Owner Owner Owner Owner Owner Owner Owner Owner Owner

Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Target :	Port	Owner
	reportedBGs	PosReport_Supervision
Connector53		
Source :	Port	Owner
	trainProps	F2.8 ProvidePositionReport
Target :	Port	Owner
	trainProps	PosReport_Supervision
Connector1		
Source :	Port	Owner
	reset	F2.3 trainData
Target :	Port	Owner
	reset	trainDataStorage
Connector2		
Source:	Port	Owner
	trainDatafromTIU	F2.3 trainData
Target :	Port	Owner
	trainDatafromTIU	trainDataStorage
Connector3		
Source :	Port	Owner
	trainDatafromDriver	F2.3 trainData
Target :	Port	Owner
	trainDatafromDriver	trainDataStorage

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Connector4		
Source :	Port	Owner
	trainDataAckfromDriver	F2.3 trainData
Target :	Port	Owner
	trainDataAckfromDriver	trainDataStorage
Connector5		
Source :	Port	Owner
	trackMessages	F2.3 trainData
Target :		
raiget.	Port trackMessages	Owner checkRadioMessages
	trackiviessages	CHeckRadioiviessages
Connector6		
Source :	Port	Owner
	eventsForTrainData	F2.3 trainData
Target :	Port	Owner
	eventsForTrainData	trainDataStorage
Connector7		
Source :	Port	Owner
	actualTrainData	trainDataStorage
Target :	Port	Owner
	trainData	sendValidTrainDataRBC
Connector8		
Source :	Port	Owner
	actualTrainData	trainDataStorage
Target :	Port	Owner
	actualTrainData	F2.3 trainData
	astaarrambata	1 Zio wanibata
Connector9		
Source :	Port	Owner
	p0_positionReport	F2.3 trainData
Target :	Port	Owner
	p0_positionReport	sendValidTrainDataRBC
Connector10		
Source :	Port	Owner
	p1_positionReport	F2.3 trainData
Target :	Port	Owner

sendValidTrainDataRBC

p1\_positionReport

Source :	Port	Owner
	nidEngine	F2.3 trainData
Target :	Port	Owner
	nidEngine	sendValidTrainDataRBC
Connector12	<u> </u>	
Source :	Port	Owner
	nidEngine	F2.3 trainData
Target :	Port	Owner
	nidEngine	sendAcknowledgementRBC
0	gg	
Connector13		-
Source :	Port	Owner
	t_train	F2.3 trainData
Target :	Port	Owner
	evc_t_train	sendValidTrainDataRBC
Connector14		
Source :	Port	Owner
	t_train	F2.3 trainData
Target :	Port	Owner
	1 010	
	EVC_t_train	sendAcknowledgementRBC
Connector15		sendAcknowledgementRBC
Connector15 Source:		sendAcknowledgementRBC  Owner
	EVC_t_train	
	EVC_t_train  Port	Owner
Source :	EVC_t_train  Port  trackMessages	Owner F2.3 trainData
Source :	Port trackMessages Port	Owner F2.3 trainData Owner
Source : Target :	Port trackMessages Port	Owner F2.3 trainData Owner
Source :  Target :  Connector16	Port trackMessages Port RBC_timeStamp	Owner F2.3 trainData Owner sendAcknowledgementRBC
Source :  Target :  Connector16	Port trackMessages Port RBC_timeStamp	Owner F2.3 trainData Owner sendAcknowledgementRBC Owner
Source :  Target :  Connector16  Source :	Port trackMessages Port RBC_timeStamp  Port outMessageBus	Owner F2.3 trainData Owner sendAcknowledgementRBC Owner sendAcknowledgementRBC
Source :  Target :  Connector16  Source :	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner SendAcknowledgementRBC  Owner
Source:  Target:  Connector16  Source:  Target:	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port outMessageBus	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner F2.3 trainData
Source:  Target:  Connector16  Source:  Target:  Connector17	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner SendAcknowledgementRBC  Owner
Source:  Target:  Connector16  Source:  Target:  Connector17	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port outMessageBus Port outMessageBus	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner F2.3 trainData  Owner F2.3 trainData
Source:  Target:  Connector16 Source:  Target:  Connector17 Source:	Port trackMessages Port RBC_timeStamp  Port outMessageBus Port outMessageBus Port OutMessageBus	Owner F2.3 trainData  Owner sendAcknowledgementRBC  Owner sendAcknowledgementRBC  Owner F2.3 trainData  Owner F2.3 trainData

Source :	Port	Owner
	MessageBus	F2.3 trainData
Target :	Port	Owner
	MessageBus	sendAcknowledgementRBC
Connector19		
Source :	Port	Owner
	MessageBus	F2.3 trainData
Target :	Port	Owner
	MessageBus	sendValidTrainDataRBC
Connector1		
Source :	Port	Owner
	API_fromTIU	F2 ETCS Kernel
Target :	Port	Owner
	inTIUfromAPI	F2.12 manageTIU_input
Connector10		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	systemtime	F2.2 Manage_ETCS_Procedures
Connector11		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.1 Manage_TrackSideInformation_Integration
Connector12		
Source :	Port	Owner
	API_fromTrack	F2 ETCS Kernel
Target :	Port	Owner
	API_trackSide_Message	F2.1 Manage_TrackSideInformation_Integration
Connector13		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	ActualOdometry	F2.1 Manage_TrackSideInformation_Integration

EVC_reset         F2 ETCS Kernel           Target :         Port         Owner           reset         F2.3 trainData           Connector31           Source :         Port         Owner           API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel           Target :         Port         Owner	
reset         F2.3 trainData           Connector31         Source :         Port         Owner           API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel	
Connector31         Source :         Port         Owner           API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel	
Source :         Port         Owner           API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel	
API_fromTrack         F2 ETCS Kernel           Target :         Port         Owner           trackMessages         F2.3 trainData           Connector32         Port         Owner           API_SystemTime         F2 ETCS Kernel	
Target :         Port trackMessages         Owner F2.3 trainData           Connector32         Port Owner API_SystemTime         Owner F2 ETCS Kernel	
trackMessages         F2.3 trainData           Connector32         Port         Owner           API_SystemTime         F2 ETCS Kernel	
Connector32         Port         Owner           API_SystemTime         F2 ETCS Kernel	
Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel	
API_SystemTime F2 ETCS Kernel	
Target: Port Owner	
5 Tort Simon	
t_train F2.3 trainData	
Connector38	
Source : Port Owner	
EVC_reset F2 ETCS Kernel	
Target : Port Owner	
reset F2.6 calculateTrainPosition	on
Connector39	
Source : Port Owner	
API_Odometry F2 ETCS Kernel	
Target : Port Owner	
currentOdometry F2.6 calculateTrainPosition	on
Connector41	
Source : Port Owner	
API_fromDMI F2 ETCS Kernel	
Target : Port Owner	
fromDMI F2.10 manageDMI_Inpu	ıt
Connector42	
Source : Port Owner	
API_SystemTime F2 ETCS Kernel	
Target : Port Owner	
currentTime F2.9 MoRC_HO	

Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.9 MoRC_HO
Connector44		
Source :	Port	Owner
	to_DMI	F2.11 manageDMI_Output
Target :	Port	Owner
	API_toDMI	F2 ETCS Kernel
Connector45		
Source :	Port	Owner
	outTIU_to_API	F2.13 manageTIU_output
Target :	Port	Owner
	API_toTIU	F2 ETCS Kernel
Connector46		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPosition	F2.1 Manage_TrackSideInformation_Integration
Connector50		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	inAnnouncedBGs	F2.1 Manage_TrackSideInformation_Integration
Connector51		
Source :		
	Port	Owner
	Port fromDMI_TrainRunningNumber	Owner F2.10 manageDMI_Input
Target :		
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
	fromDMI_TrainRunningNumber  Port	F2.10 manageDMI_Input Owner
Target :	fromDMI_TrainRunningNumber  Port	F2.10 manageDMI_Input Owner
Target :	fromDMI_TrainRunningNumber  Port  trainProperties	F2.10 manageDMI_Input  Owner  F2.6 calculateTrainPosition
Target :	fromDMI_TrainRunningNumber  Port  trainProperties  Port	F2.10 manageDMI_Input  Owner  F2.6 calculateTrainPosition  Owner

Source :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	msgFromTrack	F2.6 calculateTrainPosition
Connector54		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	inTrainPosition	F2.11 manageDMI_Output
Connector55		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	TrainPosition	F2.7 SpeedSupervision_Integration
Connector56		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPos	F2.8 ProvidePositionReport
Connector57		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	Data_From_Localisation	F2.5 ManageLevelAndMode

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Connector58		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	statusValid_Position_from_Position_Calculation	F2.2 Manage_ETCS_Procedures
Connector59		
Source :	Port	Owner
Γ	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	pr∨DirTrain	F2.8 ProvidePositionReport
Connector60		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Connector61		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	DoubleRepositioningError	F2.8 ProvidePositionReport
Connector62		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	DoubleLinkingError	F2.8 ProvidePositionReport
Connector63		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	BG_LinkingConsistencyError	F2.8 ProvidePositionReport
Connector64		
Source :	Port	Owner
	API_fromDMI	F2 ETCS Kernel
Target :	Port	Owner

F2.10 manageDMI\_Input

# Connector65

fromDMI

Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	dmiStatusReset	F2.10 manageDMI_Input
Connector66		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	inSystemTime	F2.10 manageDMI_Input
Connector67		
Source :	Port	Owner
	outStatusList	F2.11 manageDMI_Output
Target :	Port	Owner
	inStatusList	F2.10 manageDMI_Input
Connector68		
Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner
	statusDMI_from_DMI	F2.2 Manage_ETCS_Procedures
Connector69		<u> </u>
Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner
	incurrentDMIStatus	F2.11 manageDMI_Output
Connector70		<del>-</del> 1
Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner
	LevelValid_from_Level_and_Mode_Management	F2.2 Manage_ETCS_Procedures
Connector71		ÿ <u> </u>
Source :	Dovi	Owner
3341001	Port outUpdateLevelsDMI	Owner F2.10 manageDMI_Input
Target :	Port	Owner
1 41 901 1	dmiUpdateLevelsDMI	F2.11 manageDMI_Output
	атториальствой	1 2.11 manageDim_Output
Connector72		

Target:  Port  trainProperties  F2.10 manag  F2.10 manag  Owr  F2.9 Mof	
trainProperties F2.9 MoR	ner
Connector73	RC_HO
Source : Port Own	ner
fromDMI_TrainRunningNumber F2.10 manag	geDMI_Input
Target : Port Own	ner
trainProps F2.7 SpeedSuperv	vision_Integration
Connector74	
Source : Port Own	ner
fromDMI_TrainRunningNumber F2.10 manag	geDMI_Input
Target : Port Own	ner
trainProps F2.8 ProvidePo	ositionReport
Connector75	
Source : Port Own	ner
fromDMI_TrainData F2.10 manag	geDMI_Input
Target: Port Own	ner
trainDatafromDriver F2.3 tra	inData
Connector76	
Source : Port Own	ner
fromDMI_TrainDataAck F2.10 manag	geDMI_Input
Target : Port Owr	ner
trainDataAckfromDriver F2.3 tra	inData
Connector77	
Source : Port Own	ner
forModesAndLevel F2.10 manag	geDMI_Input
Target : Port Owr	ner
Data_From_DMI F2.5 ManageLe	evelAndMode
Connector78	
Source : Port Own	ner
ML_levelTransition F2.10 manag	geDMI_Input
	ner
Target : Port Own	

Source :	Port	Owner
	outStatusList	F2.10 manageDMI_Input
Target :	Port	Owner
3	inStatusList	F2.11 manageDMI_Output
Connector80	2,000 2 20	
Source :		
Source.	Port	Owner 50 40 man as PML larget
	outDriverRequest	F2.10 manageDMI_Input
Target :	Port	Owner
	status_DMIlevel_from_DMI	F2.2 Manage_ETCS_Procedures
Connector81		
Source :	Port	Owner
	updatedNTC	F2.10 manageDMI_Input
Target :	Port	Owner
	train2trackStatus	F2.8 ProvidePositionReport
Connector82		
Source :	Port	Owner
Course:	updatedNTC	F2.10 manageDMI_Input
Target :		
rarget.	Port inNTC	Owner  F2.11 manage DML Output
	IIINTC	F2.11 manageDMI_Output
Connector83		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	inOdometry	F2.11 manageDMI_Output
Connector84		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	inSystemTime	F2.11 manageDMI_Output
ConnectorSE	,	<u> </u>
Connector85		-
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	TIU_TrainStatus	F2.11 manageDMI_Output

Source:	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	inBrakeCommand	F2.11 manageDMI_Output
Connector87		
Source :	Port	Owner
	sdmToDMI	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	inSpeedSupervision	F2.11 manageDMI_Output
Connector88		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	inModeAndLevel	F2.11 manageDMI_Output
Connector89		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainDataFromEVC	F2.11 manageDMI_Output
Connector90		
Source :	Port	Owner
	DMI_Entry_Request_to_DMI	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	dmi_entryRequest	F2.11 manageDMI_Output
Connector91		
Source :	Port	Owner
	BadBaliseMessageToDMI	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
. a. got .		
	dmi_fromBG	F2.11 manageDMI_Output
Connector93	dmi_fromBG	F2.11 manageDMI_Output
	dmi_fromBG  Port	F2.11 manageDMI_Output  Owner
Connector93		
Connector93	Port	Owner

Source:	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	cabStatus_from_TIU	F2.2 Manage_ETCS_Procedures
Connector95		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	inActiveCab	F2.1 Manage_TrackSideInformation_Integration
Connector96		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	Cab_In	F2.5 ManageLevelAndMode
Connector97		
Source :	Port	Owner
	outTIUCurrentInfo	F2.12 manageTIU_input
Target :	Port	Owner
	Data_From_TIU	F2.5 ManageLevelAndMode
Connector100		
Source :	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	in_brake_command	F2.13 manageTIU_output

Source:	Port	Owner
	EB_Requested	F2.5 ManageLevelAndMode
Target:	Port	Owner
	Emergency_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration

#### Connector102

Source:	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target:	Port	Owner
	odometry	F2.7 SpeedSupervision_Integration

#### Connector103

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target:	Port	Owner
	trainProps	F2.7 SpeedSupervision_Integration

#### Connector104

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target:	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration

#### Connector105

Source :	Port	Owner
	ApplyServiceBrake	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration

#### Connector106

Source:	Port	Owner
	API_fromTIU	F2 ETCS Kernel
Target :	Port	Owner
	trainDatafromTIU	F2.3 trainData

#### Connector107

Source:	Port	Owner
	outputMessageForRadioAck	F2.1 Manage_TrackSideInformation_Integration
Target:	Port	Owner
	trackMessages	F2.3 trainData

Source :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Target :	Port	Owner
	p0_positionReport	F2.3 trainData
Connector110		
Source :	Port	Owner
	packet1	F2.8 ProvidePositionReport
Target :	Port	Owner
	p1_positionReport	F2.3 trainData
Connector111		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProps	F2.8 ProvidePositionReport
Connector112	·	
Source :	Port	Owner
	updatedStatus	F2.3 trainData
Target :	Port	Owner
Target :	Port inFilterEvents	Owner F2.1 Manage_TrackSideInformation_Integration
Target :  Connector113		Owner F2.1 Manage_TrackSideInformation_Integration
	inFilterEvents	F2.1 Manage_TrackSideInformation_Integration
Connector113	inFilterEvents Port	
Connector113	inFilterEvents  Port  updatedStatus	F2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData
Connector113 Source:	inFilterEvents Port	F2.1 Manage_TrackSideInformation_Integration  Owner
Connector113 Source:	inFilterEvents  Port  updatedStatus  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData  Owner
Connector113 Source:	Port updatedStatus Port inTrainDataValid	F2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData  Owner  F2.1 Manage_TrackSideInformation_Integration
Connector113 Source: Target: Connector116	inFilterEvents  Port  updatedStatus  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData  Owner
Connector113 Source: Target: Connector116	Port updatedStatus  Port inTrainDataValid  Port outputMessage	P2.1 Manage_TrackSideInformation_Integration  Owner  F2.3 trainData  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner  F2.1 Manage_TrackSideInformation_Integration
Connector113 Source: Target: Connector116 Source:	Port updatedStatus  Port inTrainDataValid  Port	F2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner
Connector113 Source: Target: Connector116 Source:	Port updatedStatus Port inTrainDataValid  Port outputMessage Port	P2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner
Connector113 Source:  Target:  Connector116 Source:  Target:	Port updatedStatus Port inTrainDataValid  Port outputMessage Port	P2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner  F2.1 Manage_TrackSideInformation_Integration  Owner
Connector113 Source: Target:  Connector116 Source: Target: Connector117	Port updatedStatus Port inTrainDataValid  Port outputMessage Port inMessage	F2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.8 ProvidePositionReport
Connector113 Source: Target:  Connector116 Source: Target: Connector117	Port updatedStatus Port inTrainDataValid  Port outputMessage Port inMessage	F2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.2 Manage_TrackSideInformation_Integration  Owner F2.3 ProvidePositionReport
Connector113 Source: Target:  Connector116 Source:  Target:  Connector117 Source:	Port updatedStatus Port inTrainDataValid  Port outputMessage Port inMessage  Port outCheckErrors	P2.1 Manage_TrackSideInformation_Integration  Owner F2.3 trainData  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.1 Manage_TrackSideInformation_Integration  Owner F2.8 ProvidePositionReport  Owner F2.1 Manage_TrackSideInformation_Integration

Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	UnlinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Connector119		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
ruigott	RadioMessageConsistencyError	F2.8 ProvidePositionReport
_		1 2.0 1 Tovider ositionixeport
Connector120		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	RadioSequenceError	F2.8 ProvidePositionReport
Connector121		
Source :	Port	Owner
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_From_F2_Functions	F2.5 ManageLevelAndMode
Connector123		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
5	StatusModeandLevel_from_Level_and_Mode_Managem	F2.2 Manage_ETCS_Procedures
Connector125		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	systemTime	F2.8 ProvidePositionReport
Connector126	;-	
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	odometry	F2.8 ProvidePositionReport

Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	in_train_commands	F2.13 manageTIU_output
Connector128		
Source :	Port	Owner
	Data_To_DMI_Ack	F2.5 ManageLevelAndMode
Target :	Port	Owner
	inModeLevel_Ack	F2.11 manageDMI_Output
Connector129		
Source :	Port	Owner
	announcedLevel	F2.5 ManageLevelAndMode
Target :	Port	Owner
	announcedLevel	F2.11 manageDMI_Output
Connector130		
Source :	Port	Owner
	Service_Brake_Command	F2.5 ManageLevelAndMode
Target :	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Connector131		
Source :	Port	Owner
	Data_to_From_Track_Packets_at_ML	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_From_Track_Packets	F2.5 ManageLevelAndMode
Connector132		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	modeAndLevel	F2.1 Manage_TrackSideInformation_Integration
Connector133		
Source :	Port	Owner
	forLevelManagement	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_from_Track_MASSPGradient	F2.5 ManageLevelAndMode

Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Connector135		
Source :	Port	Owner
	posRep	F2.8 ProvidePositionReport
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector150		
Source :	Port	Owner
	outMessageBus	F2.3 trainData
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector157		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	transitionPositionPassed	F2.1 Manage_TrackSideInformation_Integration
Connector161		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	Data_From_Localisation	F2.5 ManageLevelAndMode
Connector162		
Source :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	MessageIn	F2.4 TrackAtlas
Connector163		
		Owner
Source :	Port	- Child
Source :	Port Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Source :		

Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	TrainData_in	F2.4 TrackAtlas
Connector165		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	train_length	F2.4 TrackAtlas
Connector166		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
	tiaiii ositioii	1 2.0 calculate I failii Ostion
Target :	Port	Owner Owner
Target :		
Target :  Connector167	Port	Owner
	Port	Owner
Connector167	<b>Port</b> TrainPositionIn	Owner F2.4 TrackAtlas
Connector167	Port TrainPositionIn  Port	Owner F2.4 TrackAtlas Owner
Connector167 Source:	Port TrainPositionIn  Port  API_SystemTime	Owner F2.4 TrackAtlas  Owner F2 ETCS Kernel
Connector167 Source:	Port TrainPositionIn  Port API_SystemTime Port	Owner F2.4 TrackAtlas  Owner F2 ETCS Kernel Owner
Connector167 Source: Target:	Port TrainPositionIn  Port API_SystemTime Port	Owner F2.4 TrackAtlas  Owner F2 ETCS Kernel Owner
Connector167 Source: Target: Connector168	Port TrainPositionIn  Port API_SystemTime Port SystemTime	Owner F2.4 TrackAtlas  Owner F2 ETCS Kernel  Owner F2.4 TrackAtlas
Connector167 Source: Target: Connector168	Port TrainPositionIn  Port API_SystemTime Port SystemTime Port SystemTime	Owner F2.4 TrackAtlas  Owner F2 ETCS Kernel  Owner F2.4 TrackAtlas  Owner  FOUND OWNER  Owner

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Source :	Port	Owner
	sdmToDMI	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	preindicationLocation	F2.4 TrackAtlas

Source:	Port	Owner
	outForMA	F2.10 manageDMI_Input
Target:	Port	Owner
	fromDriverToMA_R	F2.4 TrackAtlas

#### Connector171

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target:	Port	Owner
	trainProps	F2.4 TrackAtlas

#### Connector172

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target:	Port	Owner
	trainProps	F2.4 TrackAtlas

#### Connector173

Source :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Target :	Port	Owner
	packet0	F2.4 TrackAtlas

# Connector174

Source:	Port	Owner
	packet1	F2.8 ProvidePositionReport
Target :	Port	Owner
	packet1	F2.4 TrackAtlas

#### Connector175

Source:	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target:	Port	Owner
	t_train	F2.4 TrackAtlas

Source :	Port	Owner
	To_ModeAndLevel	F2.4 TrackAtlas
Target :	Port	Owner
	Data_From_Track_Messages	F2.5 ManageLevelAndMode
Connector179		
Source :	Port	Owner
	to_DMI	F2.4 TrackAtlas
Target :	Port	Owner
	dmi_trackDescription	F2.11 manageDMI_Output
Connector180		
Source :	Port	Owner
	to_Supervision	F2.4 TrackAtlas
Target :	Port	Owner
	dataFromTrackAtlas	F2.7 SpeedSupervision_Integration
Connector181		
Source :	Port	Owner
	MA_request_out	F2.4 TrackAtlas
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector183		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProps	F2.4 TrackAtlas
Connector185		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	Data_From_Localisation	F2.5 ManageLevelAndMode
Connector188		
Source :	Port	Owner
	outMessageBus	F2.3 trainData
Target :	Port	Owner
	bus_in	F2.4 TrackAtlas

Source :	Port	Owner
	bus_out	F2.4 TrackAtlas
Target :	Port	Owner
	MessageBus	F2.8 ProvidePositionReport
Connector191		
Source :	Port	Owner
	API_mobileHWStatus	F2 ETCS Kernel
Target :	Port	Owner
	mobileRegistrationContext_1	F2.9 MoRC_HO
Connector192		
Source :	Port	Owner
	API_mobileHWStatus	F2 ETCS Kernel
Target :	Port	Owner
	mobileConnectionContext_1	F2.9 MoRC_HO
Connector193		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port Port	Owner
raigot i	mode	F2.9 MoRC_HO
	mode	1 2.3 WORKO_110
Connector194		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	level	F2.9 MoRC_HO
Connector195		
Source :	Port	Owner
	powerUp_to_MoRC	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector196		
Source :	Port	Owner
	statusstartofmissionongoing_to_MoRC	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO

Source :		
Source:	Port	Owner
Towart	powerOff_to_MoRC	F2.2 Manage_ETCS_Procedures
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector19	98	
Source :	Port	Owner
	request_Start_Mobile_Terminal_and_RBC_Registration_	F2.2 Manage_ETCS_Procedures
Target:	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector19	99	
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	eventsAndPhases	F2.9 MoRC_HO
Connector20	00	
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
300	t_train	F2.9 MoRC_HO
0 1 01		
Connector20		
Source:	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target:	Port	Owner
	t_train_global	F2.9 MoRC_HO
Connector20	02	
Source:	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	dataFromTrack_in	F2.9 MoRC_HO
Connector20	03	
Source :	Port	Owner
	posReport	F2.8 ProvidePositionReport
Target :		O
Target:	Port	Owner

Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPosition	F2.9 MoRC_HO
Connector205		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	BGs	F2.9 MoRC_HO
Connector206		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProperties	F2.9 MoRC_HO
Connector207		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	mobileStatus	F2.2 Manage_ETCS_Procedures
Connector208		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	radioStatus	F2.1 Manage_TrackSideInformation_Integration
Connector209		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	inMoRC_status	F2.11 manageDMI_Output
Connector210		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	eventsForTrainData	F2.3 trainData

Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	rcbComm	F2.8 ProvidePositionReport
Connector212		
Source :	Port	Owner
	mobileConnectionCmd_1	F2.9 MoRC_HO
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector213		
Source :	Port	Owner
	mobileRegistrationCmd_1	F2.9 MoRC_HO
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector214		
Source :	Port	Owner
	supervisingRBC	F2.9 MoRC_HO
Target :	Port	Owner
	inSupervisingRbcld	F2.1 Manage_TrackSideInformation_Integration
Connector215		
Source :	Port	Owner
	ready	F2.9 MoRC_HO
Target :	Port	Owner
	eventsForTrainData	F2.3 trainData

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Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	intrainVersion	F2.1 Manage_TrackSideInformation_Integration

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	q_nvlocacc	F2.1 Manage_TrackSideInformation_Integration

#### Connector218

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target:	Port	Owner
	tNvContact	F2.1 Manage_TrackSideInformation_Integration

#### Connector219

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target:	Port	Owner
	nidEngine	F2.3 trainData

#### Connector220

Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target:	Port	Owner

#### Connector221

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target:	Port	Owner
	PermanentDataP003	F2.4 TrackAtlas

#### Connector222

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target:	Port	Owner

Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	Data_From_STM	F2.5 ManageLevelAndMode
Connector224		
Source :	Port	Owner
Course :	API_persistentDataIn	F2 ETCS Kernel
Target :	·	
rarget .	Port NationalValues	Owner F2.7 SpeedSupervision_Integration
	National values	F2.7 SpeedSupervision_Integration
Connector225		
Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	t_train	F2.8 ProvidePositionReport
Connector1		
Source :	Port	Owner
	TracksideOut	F1 Receive Information from Trackside
Target :	Port	Owner
	API_fromTrack	F2 ETCS Kernel
Connector2		
Source :	Port	Owner
	DMIOut	F6 DMI Controller
Target :	Port	Owner
	API_fromDMI	F2 ETCS Kernel
Connector3		
Source :	Port	Owner
	API_toDMI	F2 ETCS Kernel
Target :	Port	Owner
rurgot i	DMIIn	F6 DMI Controller
	Divinii	1 o Divir Controller
Connector4		
Source :	Port	Owner
	API_toTIU	F2 ETCS Kernel
Target :	Port	Owner
	TIUIn	F7 TIU Controller

Source :	Port	Owner
	TIUOut	F7 TIU Controller
Target :	Port	Owner
	API_fromTIU	F2 ETCS Kernel
Connector6		
Source :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Target :	Port	Owner
	RadioIn	F4 Radio Communication Controller
Connector7		
Source :	Port	Owner
	RadioOut	F4 Radio Communication Controller
Target :	Port	Owner
	API_mobileHWStatus	F2 ETCS Kernel
Connector8		
Source :	Port	Owner
	OdometryOut	F3 Measure Train Movement
Target :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Connector14		
Source :	Port	Owner
	RBCBTMIn	ETCS OBU
Target :	Port	Owner
	RBCBTMIn	F1 Receive Information from Trackside
Connector17		
Source :	Port	Owner
	OdometryIn	ETCS OBU
Target :	Port	Owner
	OdometryIn	F3 Measure Train Movement
Connector19		
Source :	Port	Owner
	PersistentDataOut	F8 Persistent Data
Target :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel

Source :	Port	Owner
	API_persistentDataOut	F2 ETCS Kernel
Target :	Port	Owner
	PersistentDataIn	F8 Persistent Data
Connector1		
Source :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingNotInUse1
Connector2		
Source :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingInUse1
Connector3		
Source :	Port	Owner
	errorUnlinkedBG	CaseLinkingNotInUse1
Target :	Port	Owner
rarget .	errorUnlinkedBG	CheckBGConsistency
	CHOIOTHIIIRCODO	Checkbedonsistency
Connector4		
Source :	Port	Owner
	applyServiceBrake	CaseLinkingNotInUse1
Target :	Port	Owner
	applyServiceBrake	CheckBGConsistency
Connector5		
Source :	Port	Owner
	errorLinkedBG	CaseLinkingInUse1
Target :	Port	Owner
	errorLinkedBG	CheckBGConsistency
Connector6		
Source :	Port	Owner
	passedBG_out	CaseLinkingNotInUse1
Target :	Port	Owner
	passedBG_out	CheckBGConsistency

Source :	Port	Owner
	passedBG_out	CaseLinkingInUse1
Target :	Port	Owner
	passedBG_out	CheckBGConsistency
Connector1		
Source :	Port	Owner
	packet0	Build_SinglePosReport
Target :	Port	Owner
	inPacket0	AggregatePackets
Connector2		
Source :	Port	Owner
	packet1	Build_SinglePosReport
Target :	Port	Owner
	inPacket1	AggregatePackets
Connector3		
Source :	Port	Owner
	packet4	Build_SinglePosReport
Target :	Port	Owner
	inPacket4	AggregatePackets
Connector4		
Source :	Port	Owner
	packet5	Build_SinglePosReport
Target :	Port	Owner
	inPacket5	AggregatePackets
Connector6		
Source :	Port	Owner
	present	ReceiveReportParameters
Target :	Port	Owner
	present	PosReport_Supervision
Connector7		
Source :	Port	Owner
	posRepParam	ReceiveReportParameters
Target :	Port	Owner
	posRepParam	PosReport_Supervision
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Source :	D. of	2
Source .	Port	Owner
	trigger	PosReport_Supervision
Target :	Port	Owner
	reportIsSent	AddBGToFIFO
Connector10		
Source :	Port	Owner
	posRepHeader	Build_SinglePosReport
Target :	Port	Owner
	posRep	ProvidePositionReport
Connector11		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	in_packet0	Build_SinglePosReport
Connector12		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	in_packet1	Build_SinglePosReport
Connector13		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	packet0	ProvidePositionReport

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Connector14		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	packet1	ProvidePositionReport
Connector15		
Source :	Port	Owner
	errorVector	ErrorManager
Target :	Port	Owner
	errorMsg	Build_SinglePosReport
Connector16		
Source :	Port	Owner
	BG_LinkingConsistencyError	ProvidePositionReport
Target :	Port	Owner
	BG_LinkingConsistencyError	ErrorManager
Connector17	-	-
Source :	Port	Owner
	LinkedBG_MessageConsistencyError	ProvidePositionReport
Target :	Port	Owner
	LinkedBG_MessageConsistencyError	ErrorManager
Connector18		
Source :	Port	Owner
	UnlinkedBG_MessageConsistencyError	ProvidePositionReport
Target :	Port	Owner
	UnlinkedBG_MessageConsistencyError	ErrorManager
Connector19		5
Source :	Port	Owner
	RadioMessageConsistencyError	ProvidePositionReport
Target :	Port	Owner
rai got i	RadioMessageConsistencyError	ErrorManager
Compostor 20	Tradicinosoago consistento per non	Entermanager
Connector20		
Source :	PodioSeguenceFran	Owner  Provide Position Penert
Tannat	RadioSequenceError	ProvidePositionReport
Target :	Port	Owner

ErrorManager

Radio Sequence Error

Source :	Port	Owner
	RadioSafeRadioConnectionError	ProvidePositionReport
Target :	Port	Owner
ranger r	RadioSafeRadioConnectionError	ErrorManager
	radiocaloradiocolinicalorizatori	Entimariage
Connector22		
Source :	Port	Owner
	SafetyCriticalFailure	ProvidePositionReport
Target :	Port	Owner
	SafetyCriticalFailure	ErrorManager
Connector23		
Source :	Port	Owner
	DoubleLinkingError	ProvidePositionReport
Target :	Port	Owner
	DoubleLinkingError	ErrorManager
Connector24		
Source :	Port	Owner
	DoubleRepositioningError	ProvidePositionReport
	·	
Target :	Port	Owner
Target :	Port  DoubleRepositioningError	Owner  ErrorManager
Connector25	DoubleRepositioningError	ErrorManager
	DoubleRepositioningError  Port	ErrorManager Owner
Connector25 Source:	Port modeLevelStatus	ErrorManager  Owner  ProvidePositionReport
Connector25	Port modeLevelStatus  Port	Owner ProvidePositionReport Owner
Connector25 Source:	Port modeLevelStatus	ErrorManager  Owner  ProvidePositionReport
Connector25 Source: Target: Connector26	Port modeLevelStatus  Port modeLevelStatus	Owner ProvidePositionReport Owner PosReport_Supervision
Connector25 Source:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus	Owner ProvidePositionReport Owner PosReport_Supervision Owner
Connector25 Source: Target: Connector26 Source:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus	Owner ProvidePositionReport Owner PosReport_Supervision Owner ProvidePositionReport
Connector25 Source: Target: Connector26	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port port modeLevelStatus  Port	Owner ProvidePositionReport Owner PosReport_Supervision Owner ProvidePositionReport Owner Owner Owner
Connector25 Source: Target: Connector26 Source:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus	Owner ProvidePositionReport Owner PosReport_Supervision Owner ProvidePositionReport
Connector25 Source: Target: Connector26 Source:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port port modeLevelStatus  Port	Owner ProvidePositionReport Owner PosReport_Supervision Owner ProvidePositionReport Owner Owner Owner
Connector25 Source:  Target:  Connector26 Source:  Target:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port port modeLevelStatus  Port	Owner ProvidePositionReport Owner PosReport_Supervision Owner ProvidePositionReport Owner Owner Owner
Connector25 Source: Target:  Connector26 Source: Target:  Connector27	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus	Owner ProvidePositionReport Owner PosReport_Supervision  Owner ProvidePositionReport Owner ProvidePositionReport Owner Build_Packets0_1
Connector25 Source: Target:  Connector26 Source: Target:  Connector27	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus	Owner ProvidePositionReport Owner PosReport_Supervision  Owner ProvidePositionReport Owner ProvidePositionReport Owner Build_Packets0_1  Owner
Connector25 Source: Target: Connector26 Source: Target: Connector27 Source:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port port modeLevelStatus	Owner ProvidePositionReport Owner PosReport_Supervision  Owner ProvidePositionReport Owner Build_Packets0_1  Owner ProvidePositionReport

Source :	Port	Owner
	posBGs	ProvidePositionReport
Target :	Port	Owner
	posBGs	Build_Packets0_1
Connector29		
Source :	Port	Owner
	trainPos	ProvidePositionReport
Target :	Port	Owner
	trainPos	PosReport_Supervision
Connector30		
Source :	Port	Owner
	trainPos	ProvidePositionReport
Target :	Port	Owner
	trainPos	Build_Packets0_1
Connector31		
Source :	Port	Owner
	odometry	ProvidePositionReport
Target :	Port	Owner
	odometry	PosReport_Supervision
Connector32		
Source :	Port	Owner
	odometry	ProvidePositionReport
Target :	Port	Owner
	odometry	Build_Packets0_1
Connector33		
Source :	Port	Owner
	trainProps	ProvidePositionReport
Target :	Port	Owner
	trainProps	Build_SinglePosReport
Connector35		
Source :	Port	Owner
	trainProps	ProvidePositionReport
Target :	Port	Owner
	trainProps	Build_Packets0_1

Source :	Port	Owner
	inMessage	ProvidePositionReport
Target :	Port	Owner
	inMessage	ReceiveReportParameters
Connector37		
Source :	Port	Owner
	out_reportedBGs	AddBGToFIFO
Target :	Port	Owner
	reportedBGs	ReceiveReportParameters
Connector38		
Source :	Port	Owner
	t_train	ProvidePositionReport
Target :	Port	Owner
	t train	Build_SinglePosReport
Cammanta #20		
Connector39 Source:		
Source:	Port	Owner  Provide Position Penert
Towart	prvDirTrain	ProvidePositionReport
Target :	Port	Owner
	prvDirTrain	Build_Packets0_1
Connector41		
Source :	Port	Owner
	train2trackStatus	ProvidePositionReport
Target :	Port	Owner
	train2trackStatus	Build_Packets0_1
Connector42		
Source :	Port	Owner
	trackInfo	ProvidePositionReport
Target :	Port	Owner
	trackInfo	PosReport_Supervision
Connector43		
Source :	Port	Owner
	systemTime	ProvidePositionReport
Target :	Port	Owner
	systemTime	PosReport_Supervision

Source :	Port	Owner
	rcbComm	ProvidePositionReport
Target :	Port	Owner
	rbcComm	PosReport_Supervision
Connector45		
Source :	Port	Owner
	train2trackStatus	ProvidePositionReport
Target :	Port	Owner
	train2trackStatus	PosReport_Supervision
Connector46		
Source :	Port	Owner
	posBGs	ProvidePositionReport
Target :	Port	Owner
	posBGs	AddBGToFIFO
Connector47		
Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Target :	Port	Owner
	reportedBGs	AddBGToFIFO
Connector51		
Source :	Port	Owner
	prvDirTrain	ProvidePositionReport
Target :	Port	Owner
	prvDirTrain	PosReport_Supervision
Connector52		
Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Target :	Port	Owner
	reportedBGs	PosReport_Supervision
Connector53		
Source :	Port	Owner
	trainProps	ProvidePositionReport
Target :	Port	Owner
	trainProps	PosReport_Supervision

Source :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingNotInUse1
Connector2		
Source :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingInUse1
Connector3		
Source :	Port	Owner
	errorUnlinkedBG	CaseLinkingNotInUse1
Target :	Port	Owner
	errorUnlinkedBG	CheckBGConsistency
Connector4		
Source :	Port	Owner
	applyServiceBrake	CaseLinkingNotInUse1
Target :	Port	Owner
	applyServiceBrake	CheckBGConsistency
Connector5		
Source :	Port	Owner
	1:1 100	CaseLinkingInUse1
	errorLinkedBG	CaseLinkinginose i
Target :	Port	Owner

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Connector6		
Source :	Port	Owner
	passedBG_out	CaseLinkingNotInUse1
Target :	Port	Owner
	passedBG_out	CheckBGConsistency
Connector7		
Source :	Port	Owner
	passedBG_out	CaseLinkingInUse1
Target :	Port	Owner
rangot i	passedBG_out	CheckBGConsistency
	passeuDO_out	Offectadoutisisterity
Connector1		
Source :	Port	Owner
	reset	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	reset	Receive_TrackSide_Msg
Connector2		
Source :	Port	Owner
	API_trackSide_Message	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	API_TrackSide_Msg	Receive_TrackSide_Msg
Connector3	API_TrackSide_Msg	Receive_TrackSide_Msg
Connector3 Source:	<u> </u>	·
Connector3 Source:	Port	Owner
Source :	Port inActiveCab	Owner F2.1 Manage_TrackSideInformation_Integration
	Port inActiveCab Port	Owner F2.1 Manage_TrackSideInformation_Integration Owner
Source :	Port inActiveCab	Owner F2.1 Manage_TrackSideInformation_Integration
Source :  Target :  Connector4	Port inActiveCab  Port inActualOdometry	Owner F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg
Source :	Port inActiveCab  Port inActualOdometry  Port	Owner  F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg  Owner
Source :  Target :  Connector4 Source :	Port inActiveCab  Port inActualOdometry  Port outTrackMessage_for_check	Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner Receive_TrackSide_Msg
Source :  Target :  Connector4	Port inActiveCab  Port inActualOdometry  Port outTrackMessage_for_check Port	Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner Receive_TrackSide_Msg  Owner Owner Owner
Source :  Target :  Connector4 Source :	Port inActiveCab  Port inActualOdometry  Port outTrackMessage_for_check	Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner Receive_TrackSide_Msg
Source :  Target :  Connector4 Source :	Port inActiveCab  Port inActualOdometry  Port outTrackMessage_for_check Port	Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner Receive_TrackSide_Msg  Owner Owner Owner
Source :  Target :  Connector4 Source :  Target :	Port inActiveCab  Port inActualOdometry  Port outTrackMessage_for_check Port	Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner Receive_TrackSide_Msg  Owner Owner Owner
Source:  Target:  Connector4 Source:  Target:  Connector5	Port inActiveCab  Port inActualOdometry  Port outTrackMessage_for_check  Port trackSide_ForCheck	Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner Receive_TrackSide_Msg  Owner CheckBGConsistency
Source:  Target:  Connector4 Source:  Target:  Connector5	Port inActiveCab  Port inActualOdometry  Port outTrackMessage_for_check Port trackSide_ForCheck	Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner Receive_TrackSide_Msg  Owner CheckBGConsistency  Owner
Source :  Target :  Connector4 Source :  Target :  Connector5 Source :	Port inActiveCab  Port inActualOdometry  Port outTrackMessage_for_check  Port trackSide_ForCheck  Port applyServiceBrake	Owner F2.1 Manage_TrackSideInformation_Integration  Owner Receive_TrackSide_Msg  Owner Receive_TrackSide_Msg  Owner CheckBGConsistency  Owner CheckBGConsistency

Source :	Port	Owner
	outTrackMessage_for_check	Receive_TrackSide_Msg
Target :	Port	Owner
	rtmMessage	CheckEuroRadioMessage
Connector7		
Source :	Port	Owner
	outMessage	InformationFilter
Target :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Connector8		
Source :	Port	Owner
	inTrainDataValid	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inTrainDataValid	InformationFilter
Connector9		
Source :	Port	Owner
	passedBG_out	CheckBGConsistency
Target :	Port	Owner
	inMessage	validateDataDirection
Connector10		
Source :	Port	Owner
	checkedMessage	CheckEuroRadioMessage
Target :	Port	Owner
	inMessage	validateDataDirection
Connector11		
Source :	Port	Owner
	outMessage	validateDataDirection
Target :	Port	Owner
	inMessage	InformationFilter
Connector12		
Source :	Port	Owner
	inActiveCab	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inActiveCab	InformationFilter

Source :	Port	Owner
	intrainVersion	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	trainVersion	CheckBGConsistency
Connector14		
Source :	Port	Owner
	trainPosition	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	trainPosition	CheckBGConsistency
Connector15		·
Source :	Port	Owner
	inFilterEvents	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inFilterEvents	InformationFilter
Connector16		
Source :	Port	Owner
	outPacketsForML	InformationFilter
Target :	Port	Owner
	Data_to_From_Track_Packets_at_ML	F2.1 Manage_TrackSideInformation_Integration
Connector17		
Source :	Port	Owner
Source :	Port ActualOdometry	Owner F2.1 Manage_TrackSideInformation_Integration
Source :		
	ActualOdometry	F2.1 Manage_TrackSideInformation_Integration
	ActualOdometry Port	F2.1 Manage_TrackSideInformation_Integration Owner
Target :	ActualOdometry Port	F2.1 Manage_TrackSideInformation_Integration Owner
Target :	ActualOdometry  Port  inActualOdometry	F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg
Target :	ActualOdometry  Port  inActualOdometry  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg  Owner
Target :  Connector1 Source :	Port inActualOdometry  Port  Fort  TrainPosition	F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg  Owner  F2.7 SpeedSupervision_Integration
Target :  Connector1 Source :	Port inActualOdometry  Port  Port  TrainPosition  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg  Owner  F2.7 SpeedSupervision_Integration  Owner
Target :  Connector1 Source :  Target :	Port inActualOdometry  Port  Port  TrainPosition  Port	F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg  Owner  F2.7 SpeedSupervision_Integration  Owner
Target :  Connector1 Source :  Target :	Port inActualOdometry  Port TrainPosition Port TrainPosition	F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg  Owner  F2.7 SpeedSupervision_Integration  Owner  InputWrapper
Target :  Connector1 Source :  Target :	Port inActualOdometry  Port TrainPosition Port TrainPosition Port TrainPosition	F2.1 Manage_TrackSideInformation_Integration  Owner  Receive_TrackSide_Msg  Owner  F2.7 SpeedSupervision_Integration  Owner  InputWrapper  Owner

Source :	Port	Owner
	dataFromTrackAtlas	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	dataFromTrackAtlas	InputWrapper
Connector11		
Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	ABrakeFactory
Connector12		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData	ABrakeFactory
Connector13		
Source:	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP	TargetManagement
Connector14		
Source :	Port	Owner
	mrsp_update_out	InputWrapper
Target :	Port	Owner
	MRSP_updated	TargetManagement
Connector15		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	TargetManagement
Connector16		
Source :	Port	Owner
	ma_update_out	InputWrapper
Target :	Port	Owner
	MA_updated	TargetManagement

Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
rangoti	trainLocations	TargetManagement
	tramedoutoris	rangenvanagement
Connector18		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector19		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
3	targetCollection	CalcBrakingCurves
_	target consens.	Calobianing California
Connector22		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector23		
Source:	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Connector24		
Connector24		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations
Connector26		
Source :	Port	Owner
	curveCollection	CalcBrakingCurves
Target :	Port	Owner
	curveCollection	LimitLocations

Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	LimitLocations
Connector29		
Source :	Port	Owner
	T_b	ABrakeFactory
Target :	Port	Owner
	T_b	LimitLocations
Connector30		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	LimitLocations
Connector35		
Source :	Port	Owner
	locations	LimitLocations
Target :	Port	Owner
	locations	Commands
Connector36		
Source :	Port	Owner
	speeds	LimitLocations
Target :	Port	Owner
	speeds	Commands

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Connector37		
Source :	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
	mrdt	Commands
Connector38		
Source :	Port	Owner
	FLOIisSBI1	LimitLocations
Target :	Port	Owner
	floilsSB1	Commands
Connector43		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector46		
Source :	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
	target	F2.7 SpeedSupervision_Integration
Connector47		
Source :	Port	Owner
	sdmToDMI	Commands
Target :	Port	Owner
	sdmToDMI	F2.7 SpeedSupervision_Integration
Connector48		
Source :	Port	Owner
	brakeCmd	Commands
Target :	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Connector49		
Source :	Port	Owner
	sdmCmd	Commands
Target :	Port	Owner

F2.7 SpeedSupervision\_Integration

## Connector50

sdmCommands

Source :	Port	Owner
	targetSpeedReached	Commands
Target :	Port	Owner
	Target_Speed_Reached	F2.7 SpeedSupervision_Integration
Connector51	<u> </u>	
Source :	Port	Owner
	eoaOverpassed	Commands
Target :	Port	Owner
Tungot I	EOA_overpassed	F2.7 SpeedSupervision_Integration
	EG/(_overpassed	1 2.7 Opecadapervision_integration
Connector52		
Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	Commands
Connector53		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	TrainData_int	Commands
Connector54		
Source :	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	trainData_int	LimitLocations
Connector55		
Source :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	LimitLocations
Connector56		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations

Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector58		
Source :	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestSB	Commands
Connector59		
Source :	Port	Owner
	Emergency_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestEB	Commands
Connector60		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector61		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector62		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	LimitLocations
Connector63		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations

Target: Port Odometry Defent Odometry Defent Odometry Defent Defe	Source :	Port	Owner
Connector65  Source: Port Owner			F2.7 SpeedSupervision_Integration
Connector65  Source: Port Owner	Target :	Port	Owner
Source: Port Owner targetCollection TargetManagement  Target: Port Owner targetCollection AGradient  Connector66  Source: Port Owner TrainLocations InputWrapper TrainLocations AGradient  Connector67  Source: Port Owner TrainLocations AGradient  Connector68  Source: Port Owner GradientProfile AGradient  Connector68  Source: Port Owner GradientProfile AGradient  Connector68  Source: Port Owner GradientProfile AGradient  Connector69  Source: Port Owner GradientProfile_updated AGradient  Connector69  Source: Port Owner GradientProfile_updated AGradient  Connector69  Source: Port Owner Target: Port Owner GradientProfile_updated AGradient  Connector69  Source: Port Owner Target: Port Owner Target: Port Owner Target: Port Owner Target: AGradient  Connector70  Source: Port Owner Target: Port Owner Target: Port Owner Target: Port Owner AGradient  Connector70  Source: Port Owner AGradient  Connector70  Source: Port Owner ABrakeFactory Target: Port Owner ABrakeFactory  Target: Port Owner		odometry	LimitLocations
targetCollection  Target:  Port  Owner  targetCollection  AGradient  Connector66  Source:  Port  TrainLocations  InputWrapper  TrainLocations  AGradient  Connector67  Source:  Port  Owner  TrainLocations  AGradient  Connector68  Source:  Port  Owner  GradientProfile  AGradient  Connector68  Source:  Port  Owner  GradientProfile  AGradient  Connector68  Source:  Port  Owner  GradientProfile  AGradient  Connector69  Source:  Port  Owner  GradientProfile_updated  AGradient  Connector69  Source:  Port  Owner  GradientProfile_updated  AGradient  Connector69  Source:  Port  Owner  Target:  Port  Owner  GradientProfile_updated  AGradient  Connector69  Source:  Port  Owner  Target:  Port  Owner  Target:  AGradient  Connector69  Source:  Port  Owner  Target:  AGradient  Connector70  Source:  Port  Owner  Target:  AGradient  Owner  AGradient  Connector70  Source:  Port  Owner  ABrakeFactory  Target:  Port  Owner	Connector65		
Target:	Source :	Port	Owner
targetCollection AGradient  Connector66  Source: Port Owner		targetCollection	TargetManagement
targetCollection AGradient  Connector66  Source: Port Owner	Target :	Port	Owner
Source   Port   Owner			
trainLocations InputWrapper  Target: Port Owner  TrainLocations AGradient  Connector67  Source: Port Owner  GradientProfile AGradient  Connector68  Source: Port Owner  GradientProfile AGradient  Connector68  Source: Port Owner  GradientProfile_updated AGradient  Connector69  Source: Port Owner  GradientProfile_updated AGradient  Connector69  Source: Port Owner  GradientProfile_updated F2.7 SpeedSupervision_Integration  Target: Port Owner  trainData F2.7 SpeedSupervision_Integration  Connector70  Source: Port Owner  trainData AGradient  Connector70  Source: Port Owner  trainData AGradient  Connector70  Source: Port Owner  aBrakeSafe ABrakeFactory  Target: Port Owner	Connector66		
Target :         Port         Owner           TrainLocations         AGradient           Connector67           Source :         Port         Owner           gp_out         InputWrapper           Target :         Port         Owner           GradientProfile         AGradient           Connector68           Source :         Port         Owner           GradientProfile_updated         AGradient           Connector69           Source :         Port         Owner           trainData         F2.7 SpeedSupervision_Integration           Target :         Port         Owner           trainData         AGradient           Connector70         Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner	Source :	Port	Owner
TrainLocations AGradient  Connector67  Source: Port Owner		trainLocations	InputWrapper
Connector67         Source :         Port         Owner           gp_out         InputWrapper           Target :         Port         Owner           GradientProfile         AGradient           Connector68           Source :         Port         Owner           gp_update_out         InputWrapper           Target :         Port         Owner           GradientProfile_updated         AGradient           Connector69           Source :         Port         Owner           trainData         F2.7 SpeedSupervision_Integration           Target :         Port         Owner           trainData         AGradient           Connector70         Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner	Target :	Port	Owner
Source :         Port         Owner           gp_out         InputWrapper           Target :         Port         Owner           GradientProfile         AGradient           Connector68           Source :         Port         Owner           GradientProfile_updated         AGradient           Connector69           Source :         Port         Owner           trainData         F2.7 SpeedSupervision_Integration           Target :         Port         Owner           trainData         AGradient           Connector70           Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner		TrainLocations	
Sp_out   InputWrapper	Connector67		
Target :         Port         Owner           GradientProfile         AGradient           Connector68           Source :         Port         Owner           gp_update_out         InputWrapper           Target :         Port         Owner           GradientProfile_updated         AGradient           Connector69           Source :         Port         Owner           trainData         F2.7 SpeedSupervision_Integration           Target :         Port         Owner           trainData         AGradient           Connector70           Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner	Source :	Port	Owner
GradientProfile AGradient  Connector68  Source: Port Owner		gp_out	InputWrapper
Connector68           Source :         Port         Owner           gp_update_out         InputWrapper           Target :         Port         Owner           GradientProfile_updated         AGradient           Connector69           Source :         Port         Owner           trainData         F2.7 SpeedSupervision_Integration           Target :         Port         Owner           trainData         AGradient           Connector70         Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner	Target :	Port	Owner
Source :         Port         Owner           gp_update_out         InputWrapper           Target :         Port         Owner           GradientProfile_updated         AGradient           Connector69           Source :         Port         Owner           trainData         F2.7 SpeedSupervision_Integration           Target :         Port         Owner           trainData         AGradient           Connector70         Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner		GradientProfile	AGradient
gp_update_out	Connector68		
Target :         Port GradientProfile_updated         Owner AGradient           Connector69           Source :         Port Owner           trainData         F2.7 SpeedSupervision_Integration           Target :         Port Owner           trainData         AGradient           Connector70           Source :         Port Owner           aBrakeSafe         ABrakeFactory           Target :         Port Owner	Source :	Port	Owner
GradientProfile_updated         AGradient           Connector69         Owner           Source:         Port         Owner           trainData         F2.7 SpeedSupervision_Integration           Target:         Port         Owner           trainData         AGradient           Connector70         Source:         Port         Owner           aBrakeSafe         ABrakeFactory           Target:         Port         Owner		gp_update_out	InputWrapper
Connector69           Source :         Port         Owner           trainData         F2.7 SpeedSupervision_Integration           Target :         Port         Owner           trainData         AGradient           Connector70         Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner	Target :	Port	Owner
Source :         Port         Owner           trainData         F2.7 SpeedSupervision_Integration           Target :         Port         Owner           trainData         AGradient           Connector70         Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner		GradientProfile_updated	AGradient
trainData         F2.7 SpeedSupervision_Integration           Target :         Port         Owner           trainData         AGradient           Connector70         Owner           Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner	Connector69		
Target :         Port trainData         Owner AGradient           Connector70         Source :         Port Owner ABrakeFactory           Target :         Port Owner	Source :	Port	Owner
trainData         AGradient           Connector70         Owner           Source:         Port         Owner           aBrakeSafe         ABrakeFactory           Target:         Port         Owner		trainData	F2.7 SpeedSupervision_Integration
trainData         AGradient           Connector70         Owner           Source:         Port         Owner           aBrakeSafe         ABrakeFactory           Target:         Port         Owner	Target :	Port	Owner
Source :         Port         Owner           aBrakeSafe         ABrakeFactory           Target :         Port         Owner		trainData	AGradient
aBrakeSafe ABrakeFactory  Target: Port Owner	Connector70		
Target : Port Owner	Source :	Port	Owner
		aBrakeSafe	
	Target :	Port	Owner

Source :	Port	Owner
	aBrakeService	ABrakeFactory
Target :	Port	Owner
	aBrakeSafe	addGradient2
Connector72		
Source :	Port	Owner
	aSafe	addGradient1
Target :	Port	Owner
	A_Safe	CalcBrakingCurves
Connector73		
Source :	Port	Owner
	aSafe	addGradient2
Target :	Port	Owner
	A_Expected	CalcBrakingCurves
Connector74		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient1
Connector75		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient2
Connector1		
Source :	Port	Owner
	packet0	Build_SinglePosReport
Target :	Port	Owner
	inPacket0	AggregatePackets
Connector2		
Source :	Port	Owner
	packet1	Build_SinglePosReport
Target :	Port	Owner
	inPacket1	AggregatePackets

Source :	Port	Owner
	packet4	Build_SinglePosReport
Target :	Port	Owner
	inPacket4	AggregatePackets
Connector4		
Source :	Port	Owner
	packet5	Build_SinglePosReport
Target :	Port	Owner
	inPacket5	AggregatePackets
Connector6		
Source :	Port	Owner
	present	ReceiveReportParameters
Target :	Port	Owner
	present	PosReport_Supervision
Connector7		
Source :	Port	Owner
	posRepParam	ReceiveReportParameters
Target :	Port	Owner
	posRepParam	PosReport_Supervision
Connector9		
Source :	Port	Owner
	trigger	PosReport_Supervision
Target :	Port	Owner
	reportIsSent	AddBGToFIFO

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Connector10		
Source :	Port	Owner
	posRepHeader	Build_SinglePosReport
Target :	Port	Owner
	posRep	F2.8 ProvidePositionReport
Connector11		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	in_packet0	Build_SinglePosReport
Connector12		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	in_packet1	Build_SinglePosReport
Connector13		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Connector14		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	packet1	F2.8 ProvidePositionReport
Connector15		
Source :	Port	Owner
	errorVector	ErrorManager
Target :	Port	Owner
	errorMsg	Build_SinglePosReport
Connector16		
Source :	Port	Owner
	BG_LinkingConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	BG_LinkingConsistencyError	ErrorManager

Source :	Port	Owner
	LinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
rai got i	LinkedBG_MessageConsistencyError	ErrorManager
_	Elineabo_wessageoonsistencyEnor	Enonwariager
Connector18		
Source :	Port	Owner
	UnlinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	UnlinkedBG_MessageConsistencyError	ErrorManager
Connector19		
Source :	Port	Owner
	RadioMessageConsistencyError	F2.8 ProvidePositionReport
Target :	Port	Owner
	RadioMessageConsistencyError	ErrorManager
Connector20		
Source :	Port	Owner
	RadioSequenceError	F2.8 ProvidePositionReport
	r tadio Coquonico En on	1 210 1 Totalar contorn toport
Target :	Port	Owner
Target :	Port RadioSeguenceError	Owner ErrorManager
	Port RadioSequenceError	Owner ErrorManager
Connector21	RadioSequenceError	
	RadioSequenceError  Port	ErrorManager  Owner
Connector21 Source:	RadioSequenceError	ErrorManager
Connector21	Port RadioSafeRadioConnectionError  Port	Owner F2.8 ProvidePositionReport Owner
Connector21 Source:	RadioSequenceError  Port  RadioSafeRadioConnectionError	ErrorManager  Owner  F2.8 ProvidePositionReport
Connector21 Source:	Port RadioSafeRadioConnectionError  Port	Owner F2.8 ProvidePositionReport Owner
Connector21 Source:	Port RadioSafeRadioConnectionError  Port	Owner F2.8 ProvidePositionReport Owner
Connector21 Source: Target: Connector22	Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  RadioSafeRadioConnectionError	Owner F2.8 ProvidePositionReport Owner ErrorManager
Connector21 Source: Target: Connector22	Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError	Owner F2.8 ProvidePositionReport Owner ErrorManager Owner
Connector21 Source: Target: Connector22 Source:	Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port SafetyCriticalFailure	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner ErrorManager  F2.8 ProvidePositionReport
Connector21 Source: Target: Connector22 Source:	Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port SafetyCriticalFailure Port	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner ErrorManager  Owner F2.8 ProvidePositionReport Owner FOUNDER OWNER
Connector21 Source:  Target:  Connector22 Source:  Target:	Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port SafetyCriticalFailure  Port SafetyCriticalFailure	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner ErrorManager
Connector21 Source:  Target:  Connector22 Source:  Target:	Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port SafetyCriticalFailure Port	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner ErrorManager  Owner F2.8 ProvidePositionReport Owner FOUNDER OWNER
Connector21 Source:  Target:  Connector22 Source:  Target:  Connector23 Source:	Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port SafetyCriticalFailure  Port SafetyCriticalFailure  Port DoubleLinkingError	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner ErrorManager  Owner F2.8 ProvidePositionReport
Connector21 Source: Target:  Connector22 Source: Target: Connector23	Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port RadioSafeRadioConnectionError  Port SafetyCriticalFailure  Port SafetyCriticalFailure  Port Port Port Port	Owner F2.8 ProvidePositionReport Owner ErrorManager  Owner F2.8 ProvidePositionReport  Owner F2.8 ProvidePositionReport  Owner ErrorManager  Owner  Owner  Owner  Owner  Owner

Source :	Port	Owner
	DoubleRepositioningError	F2.8 ProvidePositionReport
Target :	Port	Owner
	DoubleRepositioningError	ErrorManager
Connector25		
Source :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
	modeLevelStatus	PosReport_Supervision
Connector26		
Source :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
	modeLevelStatus	Build_Packets0_1
Connector27		
Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	PosReport_Supervision
Connector28		
Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	Build_Packets0_1
Connector29		
Source :	Port	Owner
	trainPos	F2.8 ProvidePositionReport
Target :	Port	Owner
	trainPos	PosReport_Supervision
Connector30		
Source :	Port	Owner
	trainPos	F2.8 ProvidePositionReport
Target :	Port	Owner
	trainPos	Build_Packets0_1

Target: Port Odometry PosReport Supervision  Connector32  Source: Port Odometry PosReport Supervision  Connector32  Source: Port Odometry F2.8 ProvidePositionReport  Target: Port Odometry Build_Packets0_1  Connector33  Source: Port TrainProps F2.8 ProvidePositionReport  Target: Port Owner TrainProps Build_SinglePosReport  Connector35  Source: Port Owner TrainProps F2.8 ProvidePositionReport  Target: Port Owner TrainProps F2.8 ProvidePositionReport  Connector35  Source: Port Owner TrainProps Build_Packets0_1  Connector36  Source: Port Owner InMessage F2.8 ProvidePositionReport  Target: Port Owner InMessage ReceiveReportParameters  Connector37  Source: Port Owner InMessage ReceiveReportParameters  Connector38  Source: Port Owner InMessage ReceiveReportParameters  Connector38  Source: Port Owner Target: Port Owner F2.8 ProvidePositionReport	Source :	Port	Owner
Connector32  Source: Port Owner			
Connector32  Source: Port Owner	Target :	Port	Owner
Source: Port Owner		odometry	PosReport_Supervision
Target: Port Odometry Build_Packets0_1  Connector33  Source: Port Target: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_SinglePosReport  Connector35  Source: Port Owner  trainProps Build_SinglePosReport  Connector35  Source: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  inMessage AddBGToFIFO  Target: Port Owner  ReceiveReportParameters  Connector38  Source: Port Owner  reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  F2.8 ProvidePositionReport  Target: Port Owner  F2.8 ProvidePositionReport  F2.8 P	Connector32		
Target:  Port Odometry  Build_Packets0_1  Connector33  Source: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_SinglePosReport  Connector35  Source: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  reportedBGs ReceiveReportParameters	Source:	Port	Owner
Connector33  Source: Port Owner		odometry	F2.8 ProvidePositionReport
Connector33  Source: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_SinglePosReport  Connector35  Source: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage F2.8 ProvidePositionReport  Connector37  Source: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  reportedBGs AddBGToFIFO  Target: Port Owner  Connector38  Source: Port Owner  reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  Target: Port Owner  reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  Target: Port Owner  t_train F2.8 ProvidePositionReport	Target :	Port	Owner
Source   Port   Owner		odometry	Build_Packets0_1
trainProps F2.8 ProvidePositionReport  Target: Port Owner trainProps Build_SinglePosReport  Connector35  Source: Port Owner trainProps F2.8 ProvidePositionReport  Target: Port Owner trainProps Build_Packets0_1  Connector36  Source: Port Owner inMessage F2.8 ProvidePositionReport  Target: Port Owner inMessage F2.8 ProvidePositionReport  Target: Port Owner inMessage ReceiveReportParameters  Connector37  Source: Port Owner out_reportedBGs AddBGToFIFO  Target: Port Owner  Connector38  Source: Port Owner  ReceiveReportParameters  Connector38  Source: Port Owner Target: Port Owner	Connector33		
Target:	Source:	Port	Owner
trainProps Build_SinglePosReport  Connector35  Source: Port Owner		trainProps	F2.8 ProvidePositionReport
Connector35  Source: Port Owner  trainProps F2.8 ProvidePositionReport  Target: Port Owner  trainProps Build_Packets0_1  Connector36  Source: Port Owner inMessage F2.8 ProvidePositionReport  Target: Port Owner inMessage ReceiveReportParameters  Connector37  Source: Port Owner  out_reportedBGs AddBGToFIFO  Target: Port Owner  reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  F2.8 ProvidePositionReport  Owner  F2.8 ProvidePositionReport  F2.8 ProvidePositionReport  Target: Port Owner  F2.8 ProvidePositionReport  Target: Port Owner	Target :	Port	Owner
Source:		trainProps	Build_SinglePosReport
trainProps F2.8 ProvidePositionReport  Target: Port Owner trainProps Build_Packets0_1  Connector36  Source: Port Owner inMessage F2.8 ProvidePositionReport  Target: Port Owner inMessage ReceiveReportParameters  Connector37  Source: Port Owner out_reportedBGs AddBGToFIFO  Target: Port Owner reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner Target: Port Owner TeportedBGs ReceiveReportParameters	Connector35		
Target:  Port  trainProps  Build_Packets0_1  Connector36  Source:  Port  inMessage  F2.8 ProvidePositionReport  Target:  Port  Owner  inMessage  ReceiveReportParameters  Connector37  Source:  Port  Owner  out_reportedBGs  AddBGToFIFO  Target:  Port  Owner  reportedBGs  ReceiveReportParameters  Connector38  Source:  Port  Owner  reportedBGs  ReceiveReportParameters  Connector38  Source:  Port  Owner  Target:  Owner  Target:  Port  Owner  Owner  Target:  Owner  Owner	Source :	Port	Owner
trainProps Build_Packets0_1  Connector36  Source: Port Owner inMessage F2.8 ProvidePositionReport  Target: Port Owner inMessage ReceiveReportParameters  Connector37  Source: Port Owner out_reportedBGs AddBGToFIFO  Target: Port Owner reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner t_train F2.8 ProvidePositionReport  Target: Port Owner		trainProps	F2.8 ProvidePositionReport
Connector36  Source: Port Owner  inMessage F2.8 ProvidePositionReport  Target: Port Owner  inMessage ReceiveReportParameters  Connector37  Source: Port Owner  out_reportedBGs AddBGToFIFO  Target: Port Owner  reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner  t_train F2.8 ProvidePositionReport  Target: Port Owner	Target :		Ourse
Source :         Port         Owner           inMessage         F2.8 ProvidePositionReport           Target :         Port         Owner           inMessage         ReceiveReportParameters           Connector37         Owner         Owner           Source :         Port         Owner           Target :         Port         Owner           reportedBGs         ReceiveReportParameters           Connector38         Source :         Port         Owner           t_train         F2.8 ProvidePositionReport           Target :         Port         Owner	raryet.	Port	Owner
inMessage F2.8 ProvidePositionReport  Target: Port Owner inMessage ReceiveReportParameters  Connector37  Source: Port Owner out_reportedBGs AddBGToFIFO  Target: Port Owner reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner reportedBGs ReceiveReportParameters  Connector38  Source: Port Owner t_train F2.8 ProvidePositionReport  Target: Port Owner	Taryet .		
Target :         Port inMessage         Owner ReceiveReportParameters           Connector37           Source :         Port Owner Out_reportedBGs           AddBGToFIFO         Target :           Port Owner reportedBGs         ReceiveReportParameters           Connector38           Source :         Port Owner F2.8 ProvidePositionReport           Target :         Port Owner			
inMessage         ReceiveReportParameters           Connector37         Source :         Port         Owner           out_reportedBGs         AddBGToFIFO           Target :         Port         Owner           reportedBGs         ReceiveReportParameters           Connector38         Source :         Port         Owner           t_train         F2.8 ProvidePositionReport           Target :         Port         Owner	Connector36	trainProps	Build_Packets0_1
Connector37         Source :         Port Owner           out_reportedBGs         AddBGToFIFO           Target :         Port Owner           reportedBGs         ReceiveReportParameters           Connector38           Source :         Port Owner           t_train         F2.8 ProvidePositionReport           Target :         Port Owner	Connector36	trainProps  Port	Build_Packets0_1  Owner
Source :         Port out_reportedBGs         Owner AddBGToFIFO           Target :         Port Owner reportedBGs         ReceiveReportParameters           Connector38         Source :         Port Owner reportedBGs           Target :         Port Owner reportedBGs         Owner reportedBGs	Connector36 Source:	trainProps  Port  inMessage	Build_Packets0_1  Owner  F2.8 ProvidePositionReport
Out_reportedBGs         AddBGToFIFO           Target :         Port         Owner           reportedBGs         ReceiveReportParameters           Connector38         Source :         Port         Owner           t_train         F2.8 ProvidePositionReport           Target :         Port         Owner	Connector36 Source:	Port inMessage Port	Owner F2.8 ProvidePositionReport Owner
Target :         Port reportedBGs         Owner ReceiveReportParameters           Connector38         Source :         Port Owner F2.8 ProvidePositionReport           Target :         Port Owner	Connector36 Source:	Port inMessage Port	Owner F2.8 ProvidePositionReport Owner
reportedBGs         ReceiveReportParameters           Connector38         Source :         Port         Owner           t_train         F2.8 ProvidePositionReport           Target :         Port         Owner	Connector36 Source: Target: Connector37	Port inMessage Port inMessage	Owner F2.8 ProvidePositionReport Owner ReceiveReportParameters
Connector38           Source :         Port         Owner           t_train         F2.8 ProvidePositionReport           Target :         Port         Owner	Connector36 Source: Target: Connector37	Port inMessage Port inMessage Port Port	Owner F2.8 ProvidePositionReport Owner ReceiveReportParameters Owner
Source :         Port         Owner           t_train         F2.8 ProvidePositionReport           Target :         Port         Owner	Connector36 Source: Target: Connector37 Source:	Port inMessage Port inMessage Port inMessage	Owner F2.8 ProvidePositionReport Owner ReceiveReportParameters Owner AddBGToFIFO
t_train F2.8 ProvidePositionReport  Target: Port Owner	Connector36 Source: Target: Connector37 Source:	Port inMessage  Port inMessage  Port out_reportedBGs  Port	Owner F2.8 ProvidePositionReport  Owner ReceiveReportParameters  Owner AddBGToFIFO Owner
Target : Port Owner	Connector36 Source: Target:  Connector37 Source: Target:	Port inMessage  Port inMessage  Port out_reportedBGs  Port	Owner F2.8 ProvidePositionReport  Owner ReceiveReportParameters  Owner AddBGToFIFO Owner
	Connector36 Source: Target:  Connector37 Source: Target:  Connector38	Port inMessage  Port inMessage  Port out_reportedBGs  Port reportedBGs	Owner F2.8 ProvidePositionReport  Owner ReceiveReportParameters  Owner AddBGToFIFO Owner ReceiveReportParameters
t train Build SinglePosReport	Connector36 Source: Target:  Connector37 Source: Target:  Connector38	Port inMessage Port inMessage  Port out_reportedBGs Port reportedBGs	Owner F2.8 ProvidePositionReport Owner ReceiveReportParameters  Owner AddBGToFIFO Owner ReceiveReportParameters  Owner Owner AddBGToFIFO Owner ReceiveReportParameters
	Connector36 Source: Target:  Connector37 Source:  Target:  Connector38 Source:	Port inMessage Port inMessage  Port inMessage  Port out_reportedBGs Port reportedBGs  Port t_train	Owner F2.8 ProvidePositionReport  Owner ReceiveReportParameters  Owner AddBGToFIFO Owner ReceiveReportParameters  Owner F2.8 ProvidePositionReport

Target :	Port prvDirTrain	Owner  52.2 Provide Position Person
Target :		F2.8 ProvidePositionReport
	Port	Owner
	prvDirTrain	Build_Packets0_1
Connector41		
Source :	Port	Owner
	train2trackStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
	train2trackStatus	Build_Packets0_1
Connector42		
Source :	Port	Owner
	trackInfo	F2.8 ProvidePositionReport
Target :	Port	Owner
	trackInfo	PosReport_Supervision
Connector43		
Source :	Port	Owner
	systemTime	F2.8 ProvidePositionReport
Target :	Port	Owner
	systemTime	PosReport_Supervision
Connector44	·	
Source :	Port	Owner
	rcbComm	F2.8 ProvidePositionReport
Target :	Port	Owner
	rbcComm	PosReport_Supervision
Connector45		
Source:	Port	Owner
	train2trackStatus	F2.8 ProvidePositionReport
Target :	Port	Owner
	train2trackStatus	PosReport_Supervision
Connector46		
Source :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Target :	Port	Owner
	posBGs	AddBGToFIFO

Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Target :	Port	Owner
	reportedBGs	AddBGToFIFO
Connector51		
Source :	Port	Owner
	prvDirTrain	F2.8 ProvidePositionReport
Target :	Port	Owner
	prvDirTrain	PosReport_Supervision
Connector52		
Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Target :	Port	Owner
Target :	Port reportedBGs	Owner PosReport_Supervision
Target :  Connector53		
Connector53	reportedBGs	PosReport_Supervision
Connector53	reportedBGs  Port	PosReport_Supervision  Owner
Connector53 Source:	reportedBGs  Port  trainProps	PosReport_Supervision  Owner  F2.8 ProvidePositionReport
Connector53 Source:	reportedBGs  Port trainProps  Port	Owner F2.8 ProvidePositionReport Owner
Connector53 Source: Target:	reportedBGs  Port trainProps  Port	Owner F2.8 ProvidePositionReport Owner
Connector53 Source: Target: Connector1	Port trainProps Port trainProps	Owner F2.8 ProvidePositionReport  Owner PosReport_Supervision
Connector53 Source: Target: Connector1	Port trainProps Port trainProps Port Port	Owner F2.8 ProvidePositionReport Owner PosReport_Supervision Owner Owner

Co	nn	ec	to	r2

Connector2		
Source :	Port	Owner
	trainDatafromTIU	F2.3 trainData
Target :	Port	Owner
	trainDatafromTIU	trainDataStorage
Connector3		
Source :	Port	Owner
	trainDatafromDriver	F2.3 trainData
Target :	Port	Owner
	trainDatafromDriver	trainDataStorage
Connector4		
Source :	Port	Owner
	trainDataAckfromDriver	F2.3 trainData
Target :	Port	Owner
rangot :	trainDataAckfromDriver	trainDataStorage
	trainbata/totalonibityoi	"ambataetorage
Connector5		
Source :	Port	Owner
	trackMessages	F2.3 trainData
Target :	Port	Owner
	trackMessages	checkRadioMessages
Connector6		
Source :	Port	Owner
	eventsForTrainData	F2.3 trainData
Target :	Port	Owner
	eventsForTrainData	trainDataStorage
Connector7		
Source :	Port	Owner
	actualTrainData	trainDataStorage
Target :	Port	Owner
	trainData	sendValidTrainDataRBC
Connector8		
Source :	Port	Owner
	actualTrainData	trainDataStorage
Target :	Port	Owner
	actualTrainData	F2.3 trainData

Source :	Port	Owner
	p0_positionReport	F2.3 trainData
Target :	Port	Owner
	p0_positionReport	sendValidTrainDataRBC
Connector10		
Source :	Port	Owner
	p1_positionReport	F2.3 trainData
Target :	Port	Owner
	p1_positionReport	sendValidTrainDataRBC
Connector11		
Source :	Port	Owner
	nidEngine	F2.3 trainData
Target :	Port	Owner
	nidEngine	sendValidTrainDataRBC
Connector12		
Source :	Port	Owner
	nidEngine	F2.3 trainData
Target :	Port	Owner
	nidEngine	sendAcknowledgementRBC
Connector13		
Source :	Port	Owner
	t_train	F2.3 trainData
Target :	Port	Owner
	evc_t_train	sendValidTrainDataRBC
Connector14		
Source :	Port	Owner
	t_train	F2.3 trainData
Target :	Port	Owner
	EVC_t_train	sendAcknowledgementRBC
Connector15		
Source :	Port	Owner
	trackMessages	F2.3 trainData
Target :	Port	Owner
	RBC_timeStamp	sendAcknowledgementRBC

Source :	Port	Owner
	outMessageBus	sendAcknowledgementRBC
Target :	Port	Owner
	outMessageBus	F2.3 trainData
Connector17		
Source :	Port	Owner
	outMessageBus	sendValidTrainDataRBC
Target :	Port	Owner
	outMessageBus	F2.3 trainData
Connector18		
Source :	Port	Owner
	MessageBus	F2.3 trainData
Target :	Port	Owner
	MessageBus	sendAcknowledgementRBC
Connector19		
Source :	Port	Owner
	MessageBus	F2.3 trainData
Target :	Port	Owner
	MessageBus	sendValidTrainDataRBC
Connector1		
Source :	Port	Owner
	API_fromTIU	F2 ETCS Kernel
Target :	Port	Owner
	inTIUfromAPI	F2.12 manageTIU_input
Connector10		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	systemtime	F2.2 Manage_ETCS_Procedures
Connector11		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.1 Manage_TrackSideInformation_Integration

Source :	Port	Owner
	API_fromTrack	F2 ETCS Kernel
Target :	Port	Owner
	API_trackSide_Message	F2.1 Manage_TrackSideInformation_Integration
Connector13		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	ActualOdometry	F2.1 Manage_TrackSideInformation_Integration
Connector30		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.3 trainData
Connector31		
Source:	Port	Owner
	API_fromTrack	F2 ETCS Kernel
Target :	Port	Owner
	trackMessages	F2.3 trainData
Connector32		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	t_train	F2.3 trainData
Connector38		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.6 calculateTrainPosition
Connector39		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Port	Owner
	currentOdometry	F2.6 calculateTrainPosition

Source :	Port	Owner
	API_fromDMI	F2 ETCS Kernel
Target :	Port	Owner
	fromDMI	F2.10 manageDMI_Input
Connector42		
Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	currentTime	F2.9 MoRC_HO
Connector43		
Source :	Port	Owner
	EVC_reset	F2 ETCS Kernel
Target :	Port	Owner
	reset	F2.9 MoRC_HO
Connector44		
Source :	Port	Owner
	to_DMI	F2.11 manageDMI_Output
Target :	Port	Owner
	API_toDMI	F2 ETCS Kernel
Connector45		
Source :	Port	Owner
	outTIU_to_API	F2.13 manageTIU_output
Target :	Port	Owner
	API_toTIU	F2 ETCS Kernel
Connector46		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPosition	F2.1 Manage_TrackSideInformation_Integration
Connector50		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	inAnnouncedBGs	F2.1 Manage_TrackSideInformation_Integration

Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProperties	F2.6 calculateTrainPosition
Connector52		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProperties	F2.6 calculateTrainPosition
Connector53		
Source :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Torget :	Dowl	Owner
Target :	Port	Owner
rarget.	msgFromTrack	F2.6 calculateTrainPosition
Connector54		
Connector54	msgFromTrack	F2.6 calculateTrainPosition
Connector54	msgFromTrack  Port	F2.6 calculateTrainPosition  Owner
Connector54 Source:	msgFromTrack  Port  trainPosition	F2.6 calculateTrainPosition  Owner  F2.6 calculateTrainPosition
Connector54 Source:	Port trainPosition Port	P2.6 calculateTrainPosition  Owner  F2.6 calculateTrainPosition  Owner
Connector54 Source:	Port trainPosition Port	P2.6 calculateTrainPosition  Owner  F2.6 calculateTrainPosition  Owner
Connector54 Source: Target: Connector55	Port trainPosition Port inTrainPosition	P2.6 calculateTrainPosition  Owner  F2.6 calculateTrainPosition  Owner  F2.11 manageDMI_Output
Connector54 Source: Target: Connector55	Port trainPosition  Port inTrainPosition  Port	P2.6 calculateTrainPosition  Owner  F2.6 calculateTrainPosition  Owner  F2.11 manageDMI_Output  Owner

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Connector56		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPos	F2.8 ProvidePositionReport
Connector57		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
3	Data_From_Localisation	F2.5 ManageLevelAndMode
Connector58	<del>-</del> -	<u> </u>
Source :	D. of	0
Source .	Port trainPosition	Owner F2.6 calculateTrainPosition
Torget		
Target :	Port	Owner FTCS Presedures
	statusValid_Position_from_Position_Calculation	F2.2 Manage_ETCS_Procedures
Connector59		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	prvDirTrain	F2.8 ProvidePositionReport
Connector60		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	posBGs	F2.8 ProvidePositionReport
Connector61		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	DoubleRepositioningError	F2.8 ProvidePositionReport
Connector62	· · · · · · · · · · · · · · · · · · ·	
Source :	Dort	Owner
004.00.	Port errors	Owner F2.6 calculateTrainPosition
Target :		
rarget.	Port  DoubleLinkingError	Owner F2.8 ProvidePositionReport
	DoddieLiikiigEitol	1 2.0 1 Tovider Ositioni\epoit

Port	Source :	Port	Owner
BG LinkingConsistencyError F2.8 ProvidePositionReport  Connector64  Source: Port Owner  API_fromDMI F2.ETCS Kernel  Target: Port Owner  fromDMI F2.10 manageDMI_Input  Connector65  Source: Port Owner  EVC_reset F2.ETCS Kernel  Target: Port Owner  dmiStatusReset F2.10 manageDMI_Input  Connector66  Source: Port Owner  API_SystemTime F2.ETCS Kernel  Target: Port Owner  inSystemTime F2.10 manageDMI_Input  Connector67  Source: Port Owner  inSystemTime F2.10 manageDMI_Input  Connector68  Source: Port Owner  outStatusList F2.11 manageDMI_Input  Connector68  Source: Port Owner  inStatusList F2.10 manageDMI_Input  Connector68  Source: Port Owner  inStatusList F2.10 manageDMI_Input  Connector68  Source: Port Owner  currentDMIStatus F2.10 manageDMI_Input  Target: Port Owner  statusDMI_from_DMI F2.2 Manage_ETCS_Procedures  Connector69  Source: Port Owner  statusDMI_from_DMI F2.2 Manage_ETCS_Procedures  Connector69  Source: Port Owner  currentDMIStatus F2.10 manageDMI_Input  F2.10 manageDMI_Input  F2.20 manage_ETCS_Procedures  Connector69  Source: Port Owner  currentDMIStatus F2.10 manageDMI_Input  F2.210 manageDMI_Input			
Connector64         Source :         Port         Owner           API_fromDMI         F2 ETCS Kernel           Target :         Port         Owner           fromDMI         F2.10 manageDMI_Input           Connector65           Source :         Port         Owner           EVC_reset         F2 ETCS Kernel           Target :         Port         Owner           Connector66         Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel         Target :         Port         Owner           InSystemTime         F2.10 manageDMI_Input         F2.10 manageDMI_Input           Connector67           Source :         Port         Owner           InStatusList         F2.10 manageDMI_Input           Connector68           Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           statusDMI_from_DMI         F2.2 Manage_ETCS_Procedures           Connector69           Source :         Port         Owner           CurrentDMIStatus         F2.10 manageDMI_Input	Target :	Port	Owner
Source		BG_LinkingConsistencyError	F2.8 ProvidePositionReport
API_fromDMI F2 ETCS Kernel  Target: Port Owner fromDMI F2.10 manageDMI_Input  Connector65  Source: Port Owner	Connector64		
Target: Port fromDMI F2.10 manageDMI_Input  Connector65 Source: Port Owner EVC_reset F2 ETCS Kernel Target: Port Owner dmiStatusReset F2.10 manageDMI_Input  Connector66 Source: Port API_SystemTime F2 ETCS Kernel Target: Port Owner inSystemTime F2.10 manageDMI_Input  Connector67 Source: Port Owner inSystemTime F2.10 manageDMI_Input  Connector68 Source: Port Owner inStatusList F2.11 manageDMI_Output  Target: Port Owner inStatusList F2.10 manageDMI_Input  Connector68 Source: Port Owner inStatusList F2.10 manageDMI_Input  Connector68 Source: Port Owner currentDMIStatus F2.10 manageDMI_Input  Connector68 Source: Port Owner currentDMIStatus F2.10 manageDMI_Input  Target: Port Owner StatusDMI_from_DMI F2.2 Manage_ETCS_Procedures  Connector69 Source: Port Owner currentDMIStatus F2.10 manageDMI_Input  Target: Port Owner	Source :	Port	Owner
FromDMI   F2.10 manageDMI_Input		API_fromDMI	F2 ETCS Kernel
Connector65         Source :         Port         Owner           EVC_reset         F2 ETCS Kernel           Target :         Port         Owner           dmiStatusReset         F2.10 manageDMI_Input           Connector66         Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel           Target :         Port         Owner           inSystemTime         F2.10 manageDMI_Input           Connector67         Owner           Source :         Port         Owner           inStatusList         F2.11 manageDMI_Output           Target :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           statusDMI_from_DMI         F2.2 Manage_ETCS_Procedures           Connector68         Source :         Port         Owner           statusDMI_from_DMI         F2.20 manageDMI_Input           Target :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner	Target :	Port	Owner
Source   Port   Owner		fromDMI	F2.10 manageDMI_Input
EVC_reset	Connector65		
Target:  Port	Source :	Port	Owner
Connector66   Source :		EVC_reset	F2 ETCS Kernel
Connector66         Source :         Port         Owner           Target :         Port         Owner           inSystemTime         F2.10 manageDMI_Input           Connector67           Source :         Port         Owner           outStatusList         F2.11 manageDMI_Output           Target :         Port         Owner           inStatusList         F2.10 manageDMI_Input           Connector68           Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           statusDMI_from_DMI         F2.2 Manage_ETCS_Procedures           Connector69         Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input	Target :	Port	Owner
Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel           Target :         Port         Owner           inSystemTime         F2.10 manageDMI_Input           Connector67           Source :         Port         Owner           outStatusList         F2.11 manageDMI_Output           Target :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           statusDMI_from_DMI         F2.2 Manage_ETCS_Procedures           Connector69           Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner		dmiStatusReset	F2.10 manageDMI_Input
API_SystemTime	Connector66		
Target :         Port inSystemTime         Owner F2.10 manageDMI_Input           Connector67         Source :         Port Owner OutStatusList         Owner F2.11 manageDMI_Output           Target :         Port Owner O	Source :	Port	Owner
inSystemTime F2.10 manageDMI_Input  Connector67  Source: Port Owner OutStatusList F2.11 manageDMI_Output  Target: Port Owner inStatusList F2.10 manageDMI_Input  Connector68  Source: Port Owner CurrentDMIStatus F2.10 manageDMI_Input  Target: Port Owner StatusDMI_from_DMI F2.2 Manage_ETCS_Procedures  Connector69  Source: Port Owner CurrentDMIStatus F2.10 manageDMI_Input  Target: Port Owner CurrentDMIStatus F2.10 manageDMI_Input  Target: Port Owner CurrentDMIStatus F2.10 manageDMI_Input  Target: Port Owner		API_SystemTime	F2 ETCS Kernel
Connector67  Source: Port OutStatusList F2.11 manageDMI_Output  Target: Port Owner inStatusList F2.10 manageDMI_Input  Connector68  Source: Port CurrentDMIStatus F2.10 manageDMI_Input  Target: Port Owner StatusDMI_from_DMI F2.2 Manage_ETCS_Procedures  Connector69  Source: Port Owner StatusDMI_Status F2.10 manageDMI_Input F2.2 Manage_ETCS_Procedures  Connector69  Source: Port Owner CurrentDMIStatus F2.10 manageDMI_Input  Target: Port Owner	Target :	Port	Owner
Source :         Port outStatusList         Owner           Target :         Port Owner           inStatusList         F2.10 manageDMI_Input           Connector68           Source :         Port Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port Owner           statusDMI_from_DMI         F2.2 Manage_ETCS_Procedures           Connector69           Source :         Port Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port Owner		inSystemTime	F2.10 manageDMI_Input
outStatusList  F2.11 manageDMI_Output  Target:  Port  inStatusList  F2.10 manageDMI_Input  Connector68  Source:  Port  currentDMIStatus  F2.10 manageDMI_Input  Target:  Port  Owner  statusDMI_from_DMI  F2.2 Manage_ETCS_Procedures  Connector69  Source:  Port  Owner  currentDMIStatus  F2.10 manageDMI_Input  F2.2 Manage_ETCS_Procedures  Connector69  Source:  Port  Owner  currentDMIStatus  F2.10 manageDMI_Input  Target:  Port  Owner	Connector67		
Target :         Port         Owner           inStatusList         F2.10 manageDMI_Input           Connector68           Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           statusDMI_from_DMI         F2.2 Manage_ETCS_Procedures           Connector69           Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner	Source :	Port	Owner
inStatusList         F2.10 manageDMI_Input           Connector68         Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           statusDMI_from_DMI         F2.2 Manage_ETCS_Procedures           Connector69         Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner		outStatusList	F2.11 manageDMI_Output
Connector68           Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           statusDMI_from_DMI         F2.2 Manage_ETCS_Procedures           Connector69         Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner	Target :	Port	Owner
Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner           statusDMI_from_DMI         F2.2 Manage_ETCS_Procedures           Connector69         Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner		inStatusList	F2.10 manageDMI_Input
CurrentDMIStatus  F2.10 manageDMI_Input  Owner  statusDMI_from_DMI  F2.2 Manage_ETCS_Procedures  Connector69  Source:  Port  Owner  currentDMIStatus  F2.10 manageDMI_Input  Owner  Connector69  Owner  CurrentDMIStatus  F2.10 manageDMI_Input  Owner	Connector68		
Target:  Port StatusDMI_from_DMI F2.2 Manage_ETCS_Procedures  Connector69  Source: Port Owner  currentDMIStatus F2.10 manageDMI_Input  Target: Port Owner	0011110010100		
statusDMI_from_DMI     F2.2 Manage_ETCS_Procedures       Connector69     Owner       Source:     Port     Owner       currentDMIStatus     F2.10 manageDMI_Input       Target:     Port     Owner		Port	Owner
Connector69           Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner			
Source :         Port         Owner           currentDMIStatus         F2.10 manageDMI_Input           Target :         Port         Owner	Source :	currentDMIStatus	F2.10 manageDMI_Input
currentDMIStatus F2.10 manageDMI_Input  Target: Owner	Source :	currentDMIStatus  Port	F2.10 manageDMI_Input  Owner
Target : Port Owner	Source :	currentDMIStatus  Port	F2.10 manageDMI_Input  Owner
	Source :  Target :  Connector69	currentDMIStatus  Port  statusDMI_from_DMI	F2.10 manageDMI_Input  Owner  F2.2 Manage_ETCS_Procedures
incurrentDMIStatus F2.11 manageDMI_Output	Source :  Target :  Connector69	currentDMIStatus  Port  statusDMI_from_DMI  Port	F2.10 manageDMI_Input  Owner  F2.2 Manage_ETCS_Procedures  Owner
	Source :  Target :  Connector69  Source :	currentDMIStatus  Port  statusDMI_from_DMI  Port  currentDMIStatus	F2.10 manageDMI_Input  Owner  F2.2 Manage_ETCS_Procedures  Owner  F2.10 manageDMI_Input

Source :	Port	Owner
	currentDMIStatus	F2.10 manageDMI_Input
Target :	Port	Owner
	LevelValid_from_Level_and_Mode_Management	F2.2 Manage_ETCS_Procedures
Connector71		
Source :	Port	Owner
	outUpdateLevelsDMI	F2.10 manageDMI_Input
Target :	Port	Owner
	dmiUpdateLevelsDMI	F2.11 manageDMI_Output
Connector72		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProperties	F2.9 MoRC_HO
Connector73		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProps	F2.7 SpeedSupervision_Integration
Connector74		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	F2.10 manageDMI_Input
Target :	Port	Owner
	trainProps	F2.8 ProvidePositionReport
Connector75		
Source :	Port	Owner
	fromDMI_TrainData	F2.10 manageDMI_Input
Target :	Port	Owner
	trainDatafromDriver	F2.3 trainData
Connector76		
Source :	Port	Owner
		FO 40 manage DML lamest
	fromDMI_TrainDataAck	F2.10 manageDMI_Input
Target :	fromDMI_TrainDataAck  Port	P2.10 manageDivii_input Owner

Source :	Port	Owner
	forModesAndLevel	F2.10 manageDMI_Input
Target :	Port	Owner
	Data_From_DMI	F2.5 ManageLevelAndMode
Connector78		
Source :	Port	Owner
	ML_levelTransition	F2.10 manageDMI_Input
Target :	Port	Owner
	driver_level_transition_In	F2.5 ManageLevelAndMode
Connector79		
Source :	Port	Owner
	outStatusList	F2.10 manageDMI_Input
Target :	Port	Owner
	inStatusList	F2.11 manageDMI_Output
Connector80		
Source :	Port	Owner
	outDriverRequest	F2.10 manageDMI_Input
Target :	Port	Owner
	status_DMIlevel_from_DMI	F2.2 Manage_ETCS_Procedures
Connector81		
Source :	Port	Owner
	updatedNTC	F2.10 manageDMI_Input
Target :	Port	Owner
	train2trackStatus	F2.8 ProvidePositionReport
Connector82		
Source :	Port	Owner
	updatedNTC	F2.10 manageDMI_Input
Target :	Port	Owner
	inNTC	F2.11 manageDMI_Output
Connector83		
Source :	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target :	Dont	Owner
rarger.	Port	Owner

Source :	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target :	Port	Owner
	inSystemTime	F2.11 manageDMI_Output
Connector85		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	TIU_TrainStatus	F2.11 manageDMI_Output
Connector86		
Source :	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	inBrakeCommand	F2.11 manageDMI_Output
Connector87		
Source :	Port	Owner
	sdmToDMI	F2.7 SpeedSupervision_Integration
Target :	Port	Owner
	inSpeedSupervision	F2.11 manageDMI_Output
Connector88		
Source :	Port	Owner
Source :	Port Compatible_Mode_And_Level	Owner F2.5 ManageLevelAndMode
Source :		
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
	Compatible_Mode_And_Level Port	F2.5 ManageLevelAndMode  Owner
Target :	Compatible_Mode_And_Level Port	F2.5 ManageLevelAndMode  Owner
Target :	Compatible_Mode_And_Level Port inModeAndLevel	F2.5 ManageLevelAndMode  Owner  F2.11 manageDMI_Output
Target :	Compatible_Mode_And_Level  Port  inModeAndLevel  Port	F2.5 ManageLevelAndMode  Owner  F2.11 manageDMI_Output  Owner
Target :  Connector89 Source :	Compatible_Mode_And_Level  Port  inModeAndLevel  Port  actualTrainData	F2.5 ManageLevelAndMode  Owner  F2.11 manageDMI_Output  Owner  F2.3 trainData
Target :  Connector89 Source :	Port inModeAndLevel  Port actualTrainData  Port	F2.5 ManageLevelAndMode  Owner  F2.11 manageDMI_Output  Owner  F2.3 trainData  Owner
Target :  Connector89 Source :  Target :	Port inModeAndLevel  Port actualTrainData  Port	F2.5 ManageLevelAndMode  Owner  F2.11 manageDMI_Output  Owner  F2.3 trainData  Owner
Target :  Connector89 Source :  Target :  Connector90	Port inModeAndLevel  Port actualTrainData  Port trainDataFromEVC	F2.5 ManageLevelAndMode  Owner  F2.11 manageDMI_Output  Owner  F2.3 trainData  Owner  F2.11 manageDMI_Output
Target :  Connector89 Source :  Target :  Connector90	Port inModeAndLevel  Port actualTrainData Port trainDataFromEVC	F2.5 ManageLevelAndMode  Owner  F2.11 manageDMI_Output  Owner  F2.3 trainData  Owner  F2.11 manageDMI_Output  Owner  F2.11 manageDMI_Output

Source:	Port	Owner
	BadBaliseMessageToDMI	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	dmi_fromBG	F2.11 manageDMI_Output
Connector93		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	evc_trainData	F2.12 manageTIU_input
Connector94		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	cabStatus_from_TIU	F2.2 Manage_ETCS_Procedures
Connector95		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	inActiveCab	F2.1 Manage_TrackSideInformation_Integration
Connector96		
Source :	Port	Owner
	outTIUStatus	F2.12 manageTIU_input
Target :	Port	Owner
	Cab_In	F2.5 ManageLevelAndMode

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Source:	Port	Owner
	outTIUCurrentInfo	F2.12 manageTIU_input
Target :	Port	Owner
	Data_From_TIU	F2.5 ManageLevelAndMode

Source:	Port	Owner
	brakeCmd	F2.7 SpeedSupervision_Integration
Target:	Port	Owner
	in_brake_command	F2.13 manageTIU_output

## Connector101

Source:	Port	Owner
	EB_Requested	F2.5 ManageLevelAndMode
Target:	Port	Owner
	Emergency_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration

## Connector102

Source:	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target:	D	
raiget.	Port	Owner

## Connector103

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProps	F2.7 SpeedSupervision_Integration

## Connector104

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target:	Port	Owner
	trainData	F2.7 SpeedSupervision_Integration

## Connector105

Source:	Port	Owner
	ApplyServiceBrake	F2.1 Manage_TrackSideInformation_Integration
Target:	Port	Owner
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration

Source:	Port	Owner
	API_fromTIU	F2 ETCS Kernel
Target :	Port	Owner
	trainDatafromTIU	F2.3 trainData
Connector107		
Source :	Port	Owner
	outputMessageForRadioAck	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	trackMessages	F2.3 trainData
Connector109		
Source :	Port	Owner
	packet0	F2.8 ProvidePositionReport
Target :	Port	Owner
	p0_positionReport	F2.3 trainData
Connector110		
Source :	Port	Owner
	packet1	F2.8 ProvidePositionReport
Target :	Port	Owner
	p1_positionReport	F2.3 trainData
Connector111		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProps	F2.8 ProvidePositionReport
Connector112		
Source :	Port	Owner
	updatedStatus	F2.3 trainData
Target :	Port	Owner
	inFilterEvents	F2.1 Manage_TrackSideInformation_Integration
Connector113		
Source :	Port	Owner
	updatedStatus	F2.3 trainData
Target :	Port	Owner
	inTrainDataValid	F2.1 Manage_TrackSideInformation_Integration

Source :	Port	Owner		
	outputMessage	F2.1 Manage_TrackSideInformation_Integration		
Target :	Port	Owner		
	inMessage	F2.8 ProvidePositionReport		
Connector117				
Source :	Port	Owner		
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration		
Target :	Port	Owner		
	LinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport		
Connector118				
Source :	Port	Owner		
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration		
Target :	Port	Owner		
	UnlinkedBG_MessageConsistencyError	F2.8 ProvidePositionReport		
Connector119				
Source :	Port	Owner		
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration		
Target :	Port	Owner		
	RadioMessageConsistencyError	F2.8 ProvidePositionReport		
Connector120				
Source :	Port	Owner		
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration		
Target :	Port	Owner		
	RadioSequenceError	F2.8 ProvidePositionReport		
Connector121				
Source :	Port	Owner		
	outCheckErrors	F2.1 Manage_TrackSideInformation_Integration		
Target :	Port	Owner		
	Data_From_F2_Functions	F2.5 ManageLevelAndMode		
Connector123				
Source :	Port	Owner		
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode		
Target :	Port	Owner		
Sta	atusModeandLevel_from_Level_and_Mode_Managem	F2.2 Manage_ETCS_Procedures		
Connector125				

Source :	Port	Owner		
	API_SystemTime	F2 ETCS Kernel		
Target :	Port	Owner		
	systemTime	F2.8 ProvidePositionReport		
Connector126				
Source :	Port	Owner		
	API_Odometry	F2 ETCS Kernel		
Target :	Port	Owner		
	odometry	F2.8 ProvidePositionReport		
Connector127				
Source :	Port	Owner		
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode		
Target :	Port	Owner		
	in_train_commands	F2.13 manageTIU_output		
Connector128				
Source :	Port	Owner		
	Data_To_DMI_Ack	F2.5 ManageLevelAndMode		
Target :	Port	Owner		
	inModeLevel_Ack	F2.11 manageDMI_Output		
Connector129				
Source :	Port	Owner		
	announcedLevel	F2.5 ManageLevelAndMode		
Target :	Port	Owner		
	announcedLevel	F2.11 manageDMI_Output		
Connector130				
Source :	Port	Owner		
	Service_Brake_Command	F2.5 ManageLevelAndMode		
Target :	Port	Owner		
	Service_brake_requested_by_modes_and_levels	F2.7 SpeedSupervision_Integration		
Connector131				
Source :	Port	Owner		
	Data_to_From_Track_Packets_at_ML	F2.1 Manage_TrackSideInformation_Integration		
Target :	Port	Owner		
	Data_From_Track_Packets	F2.5 ManageLevelAndMode		
Connector132				

Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	modeAndLevel	F2.1 Manage_TrackSideInformation_Integration
Connector133		
Source :	Port	Owner
	forLevelManagement	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	Data_from_Track_MASSPGradient	F2.5 ManageLevelAndMode
Connector134		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	modeLevelStatus	F2.8 ProvidePositionReport
Connector135		
Source :	Port	Owner
	posRep	F2.8 ProvidePositionReport
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector150		
Source :	Port	Owner
	outMessageBus	F2.3 trainData
Target :	Port	Owner
	API_toEuroradio	F2 ETCS Kernel
Connector157		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	transitionPositionPassed	F2.1 Manage_TrackSideInformation_Integration
Connector161		
Source :	Port	Owner
	errors	F2.6 calculateTrainPosition
Target :	Port	Owner
	Data_From_Localisation	F2.5 ManageLevelAndMode

Source:	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	MessageIn	F2.4 TrackAtlas
Connector163		
Source :	Port	Owner
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode
Target :	Port	Owner
	ModeAndLevel_in	F2.4 TrackAtlas
Connector164		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	TrainData_in	F2.4 TrackAtlas
Connector165		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	train_length	F2.4 TrackAtlas
Connector166		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	TrainPositionIn	F2.4 TrackAtlas

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Source:	Port	Owner
	API_SystemTime	F2 ETCS Kernel
Target:	Port	Owner
	SystemTime	F2.4 TrackAtlas

Source:	Port	Owner
	API_Odometry	F2 ETCS Kernel
Target:	Port	Owner
	odometry	F2.4 TrackAtlas

## Connector169

Source:	Port	Owner		
	sdmToDMI	F2.7 SpeedSupervision_Integration		
Target:	Port	Owner		
	preindicationLocation	F2.4 TrackAtlas		

## Connector170

Source:	Port	Owner
	outForMA	F2.10 manageDMI_Input
Target :	Port	Owner
	fromDriverToMA_R	F2.4 TrackAtlas

## Connector171

Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProps	F2.4 TrackAtlas

# Connector172

Source:	Port	Owner
	actualTrainData	F2.3 trainData
Target:	Port	Owner
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## Connector173

Source :	Port	Owner	
	packet0	F2.8 ProvidePositionReport	
Target :	Port	Owner	
	packet0	F2.4 TrackAtlas	

Port	Source :	Port	Owner
Packet1   F2.4 TrackAtlas			
Connector175         Source :         Port         Owner           API_SystemTime         F2 ETCS Kernel           Target :         Port         Owner           t_train         F2.4 TrackAtlas           Connector178           Source :         Port         Owner           Data_From_Track_Messages         F2.5 ManageLevelAndMode           Connector179           Source :         Port         Owner           to_DMI         F2.4 TrackAtlas           Target :         Port         Owner           dmi_trackDescription         F2.11 manageDMI_Output           Connector180           Source :         Port         Owner           to Supervision         F2.11 manageDMI_Output           Connector180           Source :         Port         Owner           dataFromTrackAtlas         F2.1 TrackAtlas           Target :         Port         Owner           MA_request_out         F2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183           Source : <th>Target :</th> <th>Port</th> <th>Owner</th>	Target :	Port	Owner
Source		packet1	F2.4 TrackAtlas
API_SystemTime	Connector175		
Target :	Source :	Port	Owner
Target :   Port   Owner		API_SystemTime	F2 ETCS Kernel
Connector178         Source :         Port         Owner           To_ModeAndLevel         F2.4 TrackAtlas           Target :         Port         Owner           Data_From_Track_Messages         F2.5 ManageLevelAndMode           Connector179         Owner           Source :         Port         Owner           dmi_trackDescription         F2.4 TrackAtlas           Target :         Port         Owner           data_FromTrackAtlas         F2.4 TrackAtlas           Target :         Port         Owner           dataFromTrackAtlas         F2.7 SpeedSupervision_Integration           Connector181         Source :         Port         Owner           MA_request_out         F2.4 TrackAtlas         T2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183         Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input	Target :	Port	Owner
Source   Port		t_train	F2.4 TrackAtlas
To_ModeAndLevel   F2.4 TrackAtlas	Connector178		
Target :         Port         Owner           Data_From_Track_Messages         F2.5 ManageLevelAndMode           Connector179           Source :         Port         Owner           to_DMI         F2.4 TrackAtlas           Target :         Port         Owner           dmi_trackDescription         F2.11 manageDMI_Output           Connector180           Source :         Port         Owner           Target :         Port         Owner           dataFrom_TrackAtlas         F2.7 SpeedSupervision_Integration           Connector181           Source :         Port         Owner           API_toEuroradio         F2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183           Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner           Connector183           Fort         Owner           F2.10 manageDMI_Input	Source :	Port	Owner
Data_From_Track_Messages F2.5 ManageLevelAndMode  Connector179  Source: Port Owner  to_DMI F2.4 TrackAtlas  Target: Port Owner  dmi_trackDescription F2.11 manageDMI_Output  Connector180  Source: Port Owner  to_Supervision F2.4 TrackAtlas  Target: Port Owner  dataFromTrackAtlas F2.7 SpeedSupervision_Integration  Connector181  Source: Port Owner  MA_request_out F2.4 TrackAtlas  Target: Port Owner  API_toEuroradio F2 ETCS Kernel  Connector183  Source: Port Owner  API_toEuroradio F2.10 manageDMI_Input  Target: Port Owner  fromDMI_TrainRunningNumber F2.10 manageDMI_Input  Target: Port Owner		To_ModeAndLevel	F2.4 TrackAtlas
Connector179         Source :         Port         Owner           to_DMI         F2.4 TrackAtlas           Target :         Port         Owner           dmi_trackDescription         F2.11 manageDMI_Output           Connector180           Source :         Port         Owner           to_Supervision         F2.4 TrackAtlas           Target :         Port         Owner           dataFromTrackAtlas         F2.7 SpeedSupervision_Integration           Connector181           Source :         Port         Owner           MA_request_out         F2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183         Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner	Target :	Port	Owner
Source :         Port to_DMI         Owner F2.4 TrackAtlas           Target :         Port Owner         Owner           dmi_trackDescription         F2.11 manageDMI_Output           Connector180           Source :         Port Owner           to_Supervision         F2.4 TrackAtlas           Target :         Port Owner           dataFromTrackAtlas         F2.7 SpeedSupervision_Integration           Connector181           Source :         Port Owner           MA_request_out         F2.4 TrackAtlas           Target :         Port Owner           API_toEuroradio         F2 ETCS Kernel           Connector183           Source :         Port Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :           Port Owner		Data_From_Track_Messages	F2.5 ManageLevelAndMode
Target :	Connector179		
Target:  Port  dmi_trackDescription  F2.11 manageDMI_Output  Connector180  Source:  Port  to_Supervision  F2.4 TrackAtlas  Target:  Port  dataFromTrackAtlas  F2.7 SpeedSupervision_Integration  Connector181  Source:  Port  MA_request_out  F2.4 TrackAtlas  Target:  Port  Owner  MA_request_out  F2.5 TrackAtlas  Target:  Port  Owner  API_toEuroradio  Connector183  Source:  Port  Owner  F2 ETCS Kernel  Connector183  Source:  Port  Owner  fromDMI_TrainRunningNumber  F2.10 manageDMI_Input  Target:  Port  Owner	Source :	Port	Owner
dmi_trackDescription       F2.11 manageDMI_Output       Connector180       Source:     Port     Owner       dataFromTrackAtlas     F2.4 TrackAtlas       Target:     Port     Owner       MA_request_out     F2.4 TrackAtlas       Target:     Port     Owner       API_toEuroradio     F2 ETCS Kernel       Connector183       Source:     Port     Owner       fromDMI_TrainRunningNumber     F2.10 manageDMI_Input       Target:     Port     Owner		to_DMI	F2.4 TrackAtlas
Connector180  Source: Port to_Supervision F2.4 TrackAtlas  Target: Port dataFromTrackAtlas F2.7 SpeedSupervision_Integration  Connector181  Source: Port MA_request_out F2.4 TrackAtlas  Target: Port Owner F2.4 TrackAtlas  Target: Port Owner F2.5 ETCS Kernel  Connector183  Source: Port Owner F2.10 manageDMI_Input Target: Port Owner	Target:	Dort	Owner
Source :         Port         Owner           to_Supervision         F2.4 TrackAtlas           Target :         Port         Owner           dataFromTrackAtlas         F2.7 SpeedSupervision_Integration           Connector181           Source :         Port         Owner           MA_request_out         F2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183         Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner	9	Port	Owner
to_Supervision F2.4 TrackAtlas  Target: Port Owner  dataFromTrackAtlas F2.7 SpeedSupervision_Integration  Connector181  Source: Port Owner  MA_request_out F2.4 TrackAtlas  Target: Port Owner  API_toEuroradio F2 ETCS Kernel  Connector183  Source: Port Owner  fromDMI_TrainRunningNumber F2.10 manageDMI_Input  Target: Port Owner			
Target :         Port         Owner           dataFromTrackAtlas         F2.7 SpeedSupervision_Integration           Connector181           Source :         Port         Owner           MA_request_out         F2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183           Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner			
Connector181         F2.7 SpeedSupervision_Integration           Source :         Port         Owner           MA_request_out         F2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183         Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner	Connector180	dmi_trackDescription	F2.11 manageDMI_Output
Connector181         Source :         Port         Owner           MA_request_out         F2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183         Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner	Connector180	dmi_trackDescription  Port	F2.11 manageDMI_Output  Owner
Source :         Port         Owner           MA_request_out         F2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183         Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner	Connector180 Source:	dmi_trackDescription  Port  to_Supervision	F2.11 manageDMI_Output  Owner  F2.4 TrackAtlas
MA_request_out         F2.4 TrackAtlas           Target :         Port         Owner           API_toEuroradio         F2 ETCS Kernel           Connector183         Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner	Connector180 Source:	dmi_trackDescription  Port  to_Supervision  Port	F2.11 manageDMI_Output  Owner  F2.4 TrackAtlas  Owner
Target :         Port API_toEuroradio         Owner F2 ETCS Kernel           Connector183         Source :         Port Owner F2.10 manageDMI_Input           Target :         Port Owner	Connector180 Source: Target:	dmi_trackDescription  Port  to_Supervision  Port	F2.11 manageDMI_Output  Owner  F2.4 TrackAtlas  Owner
API_toEuroradio         F2 ETCS Kernel           Connector183         Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner	Connector180 Source: Target: Connector181	Port to_Supervision  Port dataFromTrackAtlas	F2.11 manageDMI_Output  Owner  F2.4 TrackAtlas  Owner  F2.7 SpeedSupervision_Integration
Connector183           Source :         Port         Owner           fromDMI_TrainRunningNumber         F2.10 manageDMI_Input           Target :         Port         Owner	Connector180 Source: Target: Connector181	Port to_Supervision  Port dataFromTrackAtlas	P2.11 manageDMI_Output  Owner  F2.4 TrackAtlas  Owner  F2.7 SpeedSupervision_Integration  Owner
Source:  Port fromDMI_TrainRunningNumber F2.10 manageDMI_Input  Target: Owner	Connector180 Source: Target: Connector181 Source:	Port to_Supervision  Port dataFromTrackAtlas  Port MA_request_out	Cowner F2.4 TrackAtlas  Owner F2.7 SpeedSupervision_Integration  Owner F2.4 TrackAtlas
fromDMI_TrainRunningNumber F2.10 manageDMI_Input  Target: Owner	Connector180 Source: Target: Connector181 Source:	Port to_Supervision  Port dataFromTrackAtlas  Port MA_request_out Port	P2.11 manageDMI_Output  Owner F2.4 TrackAtlas  Owner F2.7 SpeedSupervision_Integration  Owner F2.4 TrackAtlas  Owner F2.4 TrackAtlas  Owner
Target : Port Owner	Connector180 Source: Target:  Connector181 Source: Target:	Port to_Supervision  Port dataFromTrackAtlas  Port MA_request_out Port	P2.11 manageDMI_Output  Owner F2.4 TrackAtlas  Owner F2.7 SpeedSupervision_Integration  Owner F2.4 TrackAtlas  Owner F2.4 TrackAtlas  Owner
	Connector180 Source: Target:  Connector181 Source: Target: Connector183	Port to_Supervision  Port dataFromTrackAtlas  Port MA_request_out Port API_toEuroradio	P2.11 manageDMI_Output  Owner F2.4 TrackAtlas  Owner F2.7 SpeedSupervision_Integration  Owner F2.4 TrackAtlas  Owner F2.5 TrackAtlas  Owner F2.6 TrackAtlas
trainProps F2.4 TrackAtlas	Connector180 Source: Target:  Connector181 Source: Target: Connector183	Port to_Supervision  Port dataFromTrackAtlas  Port MA_request_out Port API_toEuroradio	P2.11 manageDMI_Output  Owner F2.4 TrackAtlas  Owner F2.7 SpeedSupervision_Integration  Owner F2.4 TrackAtlas  Owner F2.5 ETCS Kernel  Owner
	Connector180 Source:  Target:  Connector181 Source:  Target:  Connector183 Source:	Port to_Supervision  Port dataFromTrackAtlas  Port MA_request_out Port API_toEuroradio  Port fromDMI_TrainRunningNumber	Owner F2.4 TrackAtlas Owner F2.7 SpeedSupervision_Integration  Owner F2.4 TrackAtlas  Owner F2.4 TrackAtlas  Owner F2.5 ETCS Kernel  Owner F2.10 manageDMI_Input

Source :	Port	Owner		
	API_Odometry	F2 ETCS Kernel		
Target :	Port	Owner		
	Data_From_Localisation	F2.5 ManageLevelAndMode		
Connector188				
Source :	Port	Owner		
	outMessageBus	F2.3 trainData		
Target :	Port	Owner		
	bus_in	F2.4 TrackAtlas		
Connector190				
Source :	Port	Owner		
	bus_out	F2.4 TrackAtlas		
Target :	Port	Owner		
	MessageBus	F2.8 ProvidePositionReport		
Connector191				
Source :	Port	Owner		
	API_mobileHWStatus	F2 ETCS Kernel		
Target :	Port	Owner		
	mobileRegistrationContext_1	F2.9 MoRC_HO		
Connector192				
Source :	Port	Owner		
	API_mobileHWStatus	F2 ETCS Kernel		
Target :	Port	Owner		
	mobileConnectionContext_1	F2.9 MoRC_HO		
Connector193				
Source :	Port	Owner		
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode		
Target :	Port	Owner		
	mode	F2.9 MoRC_HO		
Connector194				
Source:	Port	Owner		
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode		
Target :	Port	Owner		
	level	F2.9 MoRC_HO		

Source :	Down	Ourse		
Jource .	Port powerUp_to_MoRC	Owner F2.2 Manage_ETCS_Procedures		
Target :		•		
rarget .	Port eventsAndPhases	Owner		
	eventsAndPhases	F2.9 MoRC_HO		
Connector19	96			
Source:	Port	Owner		
	statusstartofmissionongoing_to_MoRC	F2.2 Manage_ETCS_Procedures		
Target:	Port	Owner		
	eventsAndPhases	F2.9 MoRC_HO		
Connector19	97			
Source :	Port	Owner		
	powerOff_to_MoRC	F2.2 Manage_ETCS_Procedures		
Target :	Port	Owner		
	eventsAndPhases	F2.9 MoRC_HO		
•		120 110 110		
Connector19				
Source :	Port	Owner		
	request_Start_Mobile_Terminal_and_RBC_Registration_	F2.2 Manage_ETCS_Procedures		
Target:	Port	Owner		
	eventsAndPhases	F2.9 MoRC_HO		
Connector19	99			
Source:	Port	Owner		
	Compatible_Mode_And_Level	F2.5 ManageLevelAndMode		
Target:	Port	Owner		
	eventsAndPhases	F2.9 MoRC_HO		
Connector20	00			
Source :	Port	Owner		
	API_SystemTime	F2 ETCS Kernel		
Target :	Port	Owner		
i ai goi i	t_train	F2.9 MoRC_HO		
		1 2.0 110100_110		
Connector20				
Source:	Port	Owner		
	API_SystemTime	F2 ETCS Kernel		
Target:	Port	Owner		
	t_train_global	F2.9 MoRC_HO		

Source :	Port	Owner
	outputMessage	F2.1 Manage_TrackSideInformation_Integration
Target :	Port	Owner
	dataFromTrack_in	F2.9 MoRC_HO
Connector203		
Source :	Port	Owner
	posReport	F2.8 ProvidePositionReport
Target :	Port	Owner
	msgBusToRBC_in	F2.9 MoRC_HO
Connector204		
Source :	Port	Owner
	trainPosition	F2.6 calculateTrainPosition
Target :	Port	Owner
	trainPosition	F2.9 MoRC_HO
Connector205		
Source :	Port	Owner
	BGs	F2.6 calculateTrainPosition
Target :	Port	Owner
	BGs	F2.9 MoRC_HO
Connector206		
Source :	Port	Owner
	actualTrainData	F2.3 trainData
Target :	Port	Owner
	trainProperties	F2.9 MoRC_HO
Connector207		
Source:	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	mobileStatus	F2.2 Manage_ETCS_Procedures
Connector208		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	radioStatus	F2.1 Manage_TrackSideInformation_Integration

Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :		
rarger.	Port	Owner DML O to t
	inMoRC_status	F2.11 manageDMI_Output
Connector210		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	eventsForTrainData	F2.3 trainData
Connector211		
Source :	Port	Owner
	radioStatus_1	F2.9 MoRC_HO
Target :	Port	Owner
	rcbComm	F2.8 ProvidePositionReport
Connector212		
Connector212 Source:	Port	Owner
	Port mobileConnectionCmd_1	Owner F2.9 MoRC_HO
Source :	mobileConnectionCmd_1	F2.9 MoRC_HO
Source :	mobileConnectionCmd_1  Port	F2.9 MoRC_HO Owner
Source : Target :	mobileConnectionCmd_1  Port	F2.9 MoRC_HO Owner
Source :  Target :  Connector213	mobileConnectionCmd_1 Port API_toEuroradio	F2.9 MoRC_HO  Owner  F2 ETCS Kernel
Source :  Target :  Connector213	mobileConnectionCmd_1  Port  API_toEuroradio  Port	F2.9 MoRC_HO  Owner  F2 ETCS Kernel  Owner

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Source:	Port	Owner
	supervisingRBC	F2.9 MoRC_HO
Target:	Port	Owner
	inSupervisingRbcld	F2.1 Manage_TrackSideInformation_Integration

Source:	Port	Owner
	ready	F2.9 MoRC_HO
Target:	Port	Owner
	eventsForTrainData	F2.3 trainData

## Connector216

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target:	Port	Owner
	intrainVersion	F2.1 Manage_TrackSideInformation_Integration

## Connector217

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target:	Port	Owner
	q_nvlocacc	F2.1 Manage_TrackSideInformation_Integration

## Connector218

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target:	Port	Owner
	tNvContact	F2.1 Manage_TrackSideInformation_Integration

## Connector219

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target:	Port	Owner
	nidEngine	F2.3 trainData

## Connector220

Source:	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner

Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	PermanentDataP003	F2.4 TrackAtlas
Connector222		
Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	ERTMS_capabilities_In	F2.5 ManageLevelAndMode
Connector223		
Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	Data_From_STM	F2.5 ManageLevelAndMode
Connector224		
Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	NationalValues	F2.7 SpeedSupervision_Integration
Connector225		
Source :	Port	Owner
	API_persistentDataIn	F2 ETCS Kernel
Target :	Port	Owner
	t_train	F2.8 ProvidePositionReport
Connector1		
Source :	Port	Owner
	TrainPosition	SpeedSupervision_Integration
Target :	Port	Owner
	TrainPosition	InputWrapper
Connector3		
Source :	Port	Owner
	trainProps	SpeedSupervision_Integration
Target :	Port	Owner

Source :	Port	Owner
	dataFromTrackAtlas	SpeedSupervision_Integration
Target :	Port	Owner
	dataFromTrackAtlas	InputWrapper
Connector11		
Source :	Port	Owner
	NationalValues	SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	ABrakeFactory
Connector12		
Source :	Port	Owner
	trainData	SpeedSupervision_Integration
Target :	Port	Owner
	trainData	ABrakeFactory
Connector13		
Source:	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP	TargetManagement
Connector14		
Source :	Port	Owner
	mrsp_update_out	InputWrapper
Target :	Port	Owner
	MRSP_updated	TargetManagement
Connector15		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	TargetManagement
Connector16		
Source :	Port	Owner
	ma_update_out	InputWrapper
Target :	Port	Owner
	MA_updated	TargetManagement

Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
rangoti	trainLocations	TargetManagement
	tramedoutoris	rangenvanagement
Connector18		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector19		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
3	targetCollection	CalcBrakingCurves
_	target consens.	Calobianing California
Connector22		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector23		
Source:	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Connector24		
Connector24		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations
Connector26		
Source :	Port	Owner
	curveCollection	CalcBrakingCurves
Target :	Port	Owner
	curveCollection	LimitLocations

Source :	Port	Owner
	NationalValues	SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	LimitLocations
Connector29		
Source :	Port	Owner
	T_b	ABrakeFactory
Target :	Port	Owner
	T_b	LimitLocations
Connector30		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	LimitLocations
Connector35		
Source :	Port	Owner
	locations	LimitLocations
Target :	Port	Owner
	locations	Commands
Connector36		
Source :	Port	Owner
	speeds	LimitLocations
Target :	Port	Owner
	speeds	Commands
Connector37		
Source :	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
	mrdt	Commands
Connector38		
Source :	Port	Owner
	FLOIisSBI1	LimitLocations
Target :	Port	Owner
	floilsSB1	Commands

Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector46		
Source :	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
	target	SpeedSupervision_Integration
Connector47		
Source :	Port	Owner
	sdmToDMI	Commands
Target :	Port	Owner
	sdmToDMI	SpeedSupervision_Integration
Connector48		
Source :	Port	Owner
	brakeCmd	Commands
Target :	Port	Owner
	brakeCmd	SpeedSupervision_Integration
Connector49		
Source :	Port	Owner
	sdmCmd	Commands
Target :	Port	Owner
	sdmCommands	SpeedSupervision_Integration

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Connector50		
Source :	Port	Owner
	targetSpeedReached	Commands
Target :	Port	Owner
	Target_Speed_Reached	SpeedSupervision_Integration
Connector51		
Source :	Port	Owner
	eoaOverpassed	Commands
Target :	Port	Owner
	EOA_overpassed	SpeedSupervision_Integration
Connector52		
Source :	Port	Owner
	NationalValues	SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	Commands
Connector53		
Source :	Port	Owner
	trainData	SpeedSupervision_Integration
Target :	Port	Owner
	TrainData_int	Commands
Connector54		
Source :	Port	Owner
	trainData	SpeedSupervision_Integration
Target :	Port	Owner
	trainData_int	LimitLocations
Connector55		
Source :	Port	Owner
	NationalValues	SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	LimitLocations
Connector56		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations

Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector58		
Source :	Port	Owner
	Service_brake_requested_by_modes_and_levels	SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestSB	Commands
Connector59		
Source :	Port	Owner
	Emergency_brake_requested_by_modes_and_levels	SpeedSupervision_Integration
Target :	Port	Owner
	MLrequestEB	Commands
Connector60		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector61		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector62		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	LimitLocations
Connector63		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations

Source :	Port	Owner
	odometry	SpeedSupervision_Integration
Target :	Port	Owner
	odometry	LimitLocations
Connector65		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	AGradient
Connector66		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	AGradient
Connector67		
Source :	Port	Owner
	gp_out	InputWrapper
Target :	Port	Owner
	GradientProfile	AGradient
Connector68		
Source :	Port	Owner
	gp_update_out	InputWrapper
Target :	Port	Owner
	GradientProfile_updated	AGradient
Connector69		
Source :	Port	Owner
	trainData	SpeedSupervision_Integration
Target :	Port	Owner
	trainData	AGradient
Connector70		
Source :	Port	Owner
	aBrakeSafe	ABrakeFactory
Target :	Port	Owner
	aBrakeSafe	addGradient1

Source :	Port	Owner
	aBrakeService	ABrakeFactory
Target :	Port	Owner
	aBrakeSafe	addGradient2
Connector72		
Source :	Port	Owner
	aSafe	addGradient1
Target :	Port	Owner
	A_Safe	CalcBrakingCurves
Connector73		
Source :	Port	Owner
	aSafe	addGradient2
Target :	Port	Owner
	A_Expected	CalcBrakingCurves
Connector74		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient1
Connector75		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient2
Link12		
Source :	Port	Owner
	fromDMI_TrainData	Abstract
Target :	Port	Owner
	fromDMI_TrainData	manageDMI_Input
Link22		
Source :	Port	Owner
	fromDMI_TrainDataAck	Abstract
Target :	Port	Owner
	fromDMI_TrainDataAck	manageDMI_Input

# Link32

Source :	Port	Owner
	outUpdateLevelsDMI	Abstract
Target :	Port	Owner
	outUpdateLevelsDMI	manageDMI_Input
Link42		
Source:	Port	Owner
	outStatusList	Abstract
Target :	Port	Owner
	outStatusList	manageDMI_Input
Link52		
Source:	Port	Owner
	CurrentDMIStatus	Abstract
Target :	Port	Owner
	currentDMIStatus	manageDMI_Input
Link62		
Source :	Port	Owner
	updatedNTC	Abstract
Target :	Port	Owner
	updatedNTC	manageDMI_Input
Link72		
Source :	Port	Owner
	inStatusList	manageDMI_Input
Target :	Port	Owner
	inStatusList	Abstract
Link82		
Source :	Port	Owner
	fromDMI_TrainRunningNumber	Abstract
Target :	Port	Owner
	fromDMI_TrainRunningNumber	manageDMI_Input
Connector1		
Source :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingNotInUse1

Source :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingInUse1
Connector3		
Source :	Port	Owner
	errorUnlinkedBG	CaseLinkingNotInUse1
Target :	Port	Owner
	errorUnlinkedBG	CheckBGConsistency
Connector4		
Source :	Port	Owner
	applyServiceBrake	CaseLinkingNotInUse1
Target :	Port	Owner
	applyServiceBrake	CheckBGConsistency
Connector5		
Connector5 Source:	Port	Owner
	Port errorLinkedBG	Owner CaseLinkingInUse1
Source :	errorLinkedBG	CaseLinkingInUse1
Source :	errorLinkedBG  Port	CaseLinkingInUse1 Owner
Source : Target :	errorLinkedBG  Port	CaseLinkingInUse1 Owner
Source :  Target :  Connector6	errorLinkedBG  Port  errorLinkedBG	CaseLinkingInUse1  Owner  CheckBGConsistency
Source :  Target :  Connector6	errorLinkedBG  Port  errorLinkedBG  Port	CaseLinkingInUse1  Owner  CheckBGConsistency  Owner

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Connector/		
Source :	Port	Owner
	passedBG_out	CaseLinkingInUse1
Target :	Port	Owner
	passedBG_out	CheckBGConsistency
Link13		
Source :	Port	Owner
	dmiUpdateLevelsDMI	manageDMI_Output
Target :	Port	Owner
	dmiUpdateLevelsDMI	Abstract
Link23		
Source :	Port	Owner
	inStatusList	manageDMI_Output
Target :	Port	Owner
	inStatusList	Abstract
Link33		
Source :	Port	Owner
	incurrentDMIStatus	manageDMI_Output
Target :	Port	Owner
	inCurrentDMIStatus	Abstract
Link43		
Source :	Port	Owner
	inNTC	manageDMI_Output
Target :	Port	Owner
	inNTC	Abstract
Link53		
Source :	Port	Owner
	outStatusList	Abstract
Target :	Port	Owner
	outStatusList	manageDMI_Output
Connector1		
Source :	Port	Owner
	TrainPosition	SpeedSupervision_Integration
Target :	Port	Owner
	TrainPosition	InputWrapper

Source :	Port	Owner
	trainProps	SpeedSupervision_Integration
Target :	Port	Owner
	trainProps	InputWrapper
Connector4		
Source :	Port	Owner
	dataFromTrackAtlas	SpeedSupervision_Integration
Target :	Port	Owner
	dataFromTrackAtlas	InputWrapper
Connector11		
Source :	Port	Owner
	NationalValues	SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	ABrakeFactory
Connector12		
Source:	Port	Owner
	trainData	SpeedSupervision_Integration
Target :	Port	Owner
	trainData	ABrakeFactory
Connector13		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP	TargetManagement
Connector14		
Source :	Port	Owner
	mrsp_update_out	InputWrapper
Target :	Port	Owner
	MRSP_updated	TargetManagement
Connector15		
Source :	Port	Owner
	ma_out	InputWrapper
Target :	Port	Owner
	MA	TargetManagement

Source :	Port	Owner
	ma_update_out	InputWrapper
Target :	Port	Owner
3	MA_updated	TargetManagement
0		
Connector17		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	TargetManagement
Connector18		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector19		·
Source :	Down	0
Source .	Port targetCollection	Owner  TargetManagement
Torquet	<u> </u>	
Target :	Port	Owner
	targetCollection	CalcBrakingCurves
Connector22		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	LimitLocations
Connector23		
Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Compostor24		
Connector24		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	trainLocations	LimitLocations

Source : Port	Owner
curveCollec	tion CalcBrakingCurves
Target : Port	Owner
curveCollec	tion LimitLocations
Connector27	
Source : Port	Owner
NationalVal	ues SpeedSupervision_Integration
Target : Port	Owner
NationalVal	ues LimitLocations
Connector29	
Source : Port	Owner
T_b	ABrakeFactory
Target : Port	Owner
T_b	LimitLocations
Connector30	
Source : Port	Owner
ma_out	InputWrapper
Target : Port	Owner
MA	LimitLocations
Connector35	
Source : Port	Owner
locations	LimitLocations
Target : Port	Owner
locations	Commands
Connector36	
Source : Port	Owner
speeds	LimitLocations
Target : Port	Owner
speeds	Commands
Connector37	
Source : Port	Owner
MostRestrictiveDisp	layedTarget LimitLocations
Target : Port	Owner
mrdt	Commands

Source :	Port	Owner
	FLOIisSBI1	LimitLocations
Target :	Port	Owner
3	floilsSB1	Commands
0.000.001.0042		
Connector43		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	allTargets	Commands
Connector46		
Source :	Port	Owner
	MostRestrictiveDisplayedTarget	LimitLocations
Target :	Port	Owner
	target	SpeedSupervision_Integration
Connector47		
Source :	Port	Owner
	sdmToDMI	Commands
Target :	Port	Owner
ruiget :	sdmToDMI	SpeedSupervision_Integration
	Sumfobivii	SpeedSupervision_integration
Connector48		
Source :	Port	Owner
	brakeCmd	Commands
Target :	Port	Owner
	brakeCmd	SpeedSupervision_Integration
Connector49		
Source :	Port	Owner
	sdmCmd	Commands
Target :	Port	Owner
	sdmCommands	SpeedSupervision_Integration
Connector50		· · · · · · · · · · · · · · · · · · ·
Source :	Port	Owner
	targetSpeedReached	Commands
Target :		
rarget.	Port Torget Speed Beeched	Owner SpeedSupervision Integration
	Target_Speed_Reached	SpeedSupervision_Integration

Source :	Port	Owner
	eoaOverpassed	Commands
Target :	Port	Owner
	EOA_overpassed	SpeedSupervision_Integration
Connector52		
Source :	Port	Owner
	NationalValues	SpeedSupervision_Integration
Target :	Port	Owner
	NationalValues	Commands
Connector53		
Source :	Port	Owner
	trainData	SpeedSupervision_Integration
Target :	Port	Owner
Target :		
Target :  Connector54	Port	Owner
	Port	Owner
Connector54	Port TrainData_int	Owner Commands
Connector54	Port TrainData_int  Port	Owner Commands Owner
Connector54 Source :	Port TrainData_int  Port trainData	Owner Commands  Owner SpeedSupervision_Integration
Connector54 Source :	Port TrainData_int  Port trainData Port	Owner Commands  Owner SpeedSupervision_Integration Owner
Connector54 Source:	Port TrainData_int  Port trainData Port	Owner Commands  Owner SpeedSupervision_Integration Owner
Connector54 Source: Target: Connector55	Port TrainData_int  Port trainData  Port trainData  Port trainData_int	Owner Commands  Owner SpeedSupervision_Integration Owner LimitLocations
Connector54 Source: Target: Connector55	Port TrainData_int  Port trainData  Port trainData  Port trainData_int	Owner Commands  Owner SpeedSupervision_Integration Owner LimitLocations  Owner

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Connector56		
Source:	Port	Owner
	trainLocations	InputWrapper
Target:	Port	Owner
	trainLocations	LimitLocations
Connector57		
Source:	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	CalcBrakingCurves
Connector58		<u> </u>
Source :	Port	Owner
	Service_brake_requested_by_modes_and_levels	SpeedSupervision_Integration
Target :	Port	Owner
3	MLrequestSB	Commands
0 1 50	· .	
Connector59		
Source :	Port	Owner
	Emergency_brake_requested_by_modes_and_levels	SpeedSupervision_Integration
Target:	Port	Owner
	MLrequestEB	Commands
Connector60		
Source:	Port	Owner
	targetCollection	TargetManagement
Target:	Port	Owner
	allTargets	Commands
Connector61		
Source:	Port	Owner
	targetCollection	TargetManagement
Target:		Owner
	Port	Owner
	targetCollection	LimitLocations
Connector62	targetCollection	
Connector62 Source:	targetCollection	LimitLocations
	targetCollection	
	targetCollection  Port	LimitLocations  Owner

LimitLocations

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Source :	Port	Owner
	mrsp_out	InputWrapper
Target :	Port	Owner
	MRSP_Profile	LimitLocations
Connector64		
Source :	Port	Owner
	odometry	SpeedSupervision_Integration
Target :	Port	Owner
	odometry	LimitLocations
Connector65		
Source :	Port	Owner
	targetCollection	TargetManagement
Target :	Port	Owner
	targetCollection	AGradient
Connector66		
Source :	Port	Owner
	trainLocations	InputWrapper
Target :	Port	Owner
	TrainLocations	AGradient
Connector67		
Source :	Port	Owner
	gp_out	InputWrapper
Target :	Port	Owner
	GradientProfile	AGradient
Connector68		
Source :	Port	Owner
	gp_update_out	InputWrapper
Target :	Port	Owner
	GradientProfile_updated	AGradient
Connector69		
Source :	Port	Owner
	trainData	SpeedSupervision_Integration
Target :	Port	Owner
	trainData	AGradient

Source :	Port	Owner
	aBrakeSafe	ABrakeFactory
Target :	Port	Owner
	aBrakeSafe	addGradient1
Connector71		
Source :	Port	Owner
	aBrakeService	ABrakeFactory
Target :	Port	Owner
	aBrakeSafe	addGradient2
Connector72		
Source :	Port	Owner
	aSafe	addGradient1
Target :	Port	Owner
	A_Safe	CalcBrakingCurves
Connector73		
Source :	Port	Owner
	aSafe	addGradient2
Target :	Port	Owner
	A_Expected	CalcBrakingCurves
Connector74		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient1
Connector75		
Source :	Port	Owner
	A_gradient	AGradient
Target :	Port	Owner
	aGradient	addGradient2
Connector1		
Source :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingNotInUse1

Source :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Target :	Port	Owner
	trackSideForCheck	CaseLinkingInUse1
Connector3		
Source :	Port	Owner
	errorUnlinkedBG	CaseLinkingNotInUse1
Target :	Port	Owner
	errorUnlinkedBG	CheckBGConsistency
Connector4		
Source :	Port	Owner
	applyServiceBrake	CaseLinkingNotInUse1
Target :	Port	Owner
	applyServiceBrake	CheckBGConsistency
Connector5		
Source :	Port	Owner
	errorLinkedBG	CaseLinkingInUse1
Target :	Port	Owner
	errorLinkedBG	CheckBGConsistency
Connector6		
Source :	Port	Owner
	passedBG_out	CaseLinkingNotInUse1
Target :	Port	Owner
	passedBG_out	CheckBGConsistency
Connector7		
Source :	Port	Owner
	passedBG_out	CaseLinkingInUse1
Target :	Port	Owner
	passedBG_out	CheckBGConsistency
Connector1		
Source :	Port	Owner
	reset	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	reset	Receive_TrackSide_Msg

Source :	Port	Owner
	API_trackSide_Message	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	API_TrackSide_Msg	Receive_TrackSide_Msg
Connector3		
Source :	Port	Owner
	inActiveCab	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inActualOdometry	Receive_TrackSide_Msg
Connector4		
Source :	Port	Owner
	outTrackMessage_for_check	Receive_TrackSide_Msg
Target :	Port	Owner
	trackSide_ForCheck	CheckBGConsistency
Connector5		
Source :	Port	Owner
	applyServiceBrake	CheckBGConsistency
Target :	Port	Owner
	ApplyServiceBrake	Manage_TrackSideInformation_Integration
Connector6		
Source :	Port	Owner
	Port outTrackMessage_for_check	Owner  Receive_TrackSide_Msg
Source :	outTrackMessage_for_check	Receive_TrackSide_Msg
Source :	outTrackMessage_for_check  Port	Receive_TrackSide_Msg Owner
Source : Target :	outTrackMessage_for_check  Port	Receive_TrackSide_Msg Owner
Source :  Target :  Connector7	outTrackMessage_for_check Port rtmMessage	Receive_TrackSide_Msg  Owner  CheckEuroRadioMessage
Source :  Target :  Connector7	outTrackMessage_for_check  Port  rtmMessage  Port	Receive_TrackSide_Msg  Owner  CheckEuroRadioMessage  Owner
Source :  Target :  Connector7 Source :	outTrackMessage_for_check  Port  rtmMessage  Port  outMessage	Owner CheckEuroRadioMessage  Owner InformationFilter
Source :  Target :  Connector7 Source :	outTrackMessage_for_check  Port  rtmMessage  Port  outMessage  Port	Owner CheckEuroRadioMessage  Owner InformationFilter Owner
Source:  Target:  Connector7 Source:  Target:	outTrackMessage_for_check  Port  rtmMessage  Port  outMessage  Port	Owner CheckEuroRadioMessage  Owner InformationFilter Owner
Source:  Target:  Connector7 Source:  Target:  Connector8	outTrackMessage_for_check  Port rtmMessage  Port outMessage  Port outputMessage	Owner CheckEuroRadioMessage  Owner InformationFilter  Owner Manage_TrackSideInformation_Integration
Source:  Target:  Connector7 Source:  Target:  Connector8	outTrackMessage_for_check  Port rtmMessage  Port outMessage  Port outputMessage	Owner CheckEuroRadioMessage  Owner InformationFilter Owner Manage_TrackSideInformation_Integration  Owner

Source :	Port	Owner
	passedBG_out	CheckBGConsistency
Target :	Port	Owner
	inMessage	validateDataDirection
Connector10		
Source :	Port	Owner
	checkedMessage	CheckEuroRadioMessage
Target :	Port	Owner
	inMessage	validateDataDirection
Connector11		
Source :	Port	Owner
	outMessage	validateDataDirection
Target :	Port	Owner
	inMessage	InformationFilter
Connector12		
Source :	Port	Owner
	inActiveCab	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inActiveCab	InformationFilter
Connector13		
Source :	Port	Owner
	intrainVersion	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	trainVersion	CheckBGConsistency

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Connector14		
Source :	Port	Owner
	trainPosition	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	trainPosition	CheckBGConsistency
Connector15		
Source :	Port	Owner
	inFilterEvents	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inFilterEvents	InformationFilter
Connector16		
Source :	Port	Owner
	outPacketsForML	InformationFilter
Target :	Port	Owner
	Data_to_From_Track_Packets_at_ML	Manage_TrackSideInformation_Integration
Connector17		
Source :	Port	Owner
	ActualOdometry	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	inActualOdometry	Receive_TrackSide_Msg
Connector1		
Source :	Port	Owner
	reset	trainData
Target :	Port	Owner
	reset	trainDataStorage
Connector2		
Source :	Port	Owner
	trainDatafromTIU	trainData
Target :	Port	Owner
	trainDatafromTIU	trainDataStorage
Connector3		
Source :	Port	Owner
	trainDatafromDriver	trainData
Target :	Port	Owner
	trainDatafromDriver	trainDataStorage

Source :	Port	Owner
	trainDataAckfromDriver	trainData
Target :	Port	Owner
	trainDataAckfromDriver	trainDataStorage
Connector5		
Source :	Port	Owner
	trackMessages	trainData
Target :	Port	Owner
	trackMessages	checkRadioMessages
Connector6		
Source :	Port	Owner
	eventsForTrainData	trainData
Target :	Port	Owner
	eventsForTrainData	trainDataStorage
Connector7		
Source :	Port	Owner
	actualTrainData	trainDataStorage
Target :	Port	Owner
	trainData	sendValidTrainDataRBC
Connector8		
Source :	Port	Owner
	actualTrainData	trainDataStorage
Target :	Port	Owner
	actualTrainData	trainData
Connector9		
Source :	Port	Owner
	p0_positionReport	trainData
Target :	Port	Owner
	p0_positionReport	sendValidTrainDataRBC
Connector10		
Source :	Port	Owner
	p1_positionReport	trainData
Target :	Port	Owner
	p1_positionReport	sendValidTrainDataRBC

Source :	Port	Owner
	nidEngine	trainData
Target :	Port	Owner
	nidEngine	sendValidTrainDataRBC
Connector12		
Source :	Dont	O. W. C.
Source .	Port nidEngine	Owner trainData
Torget	•	
Target :	Port	Owner
	nidEngine	sendAcknowledgementRBC
Connector13		
Source :	Port	Owner
	t_train	trainData
Target :	Port	Owner
	evc_t_train	sendValidTrainDataRBC
Connector14		
Source :	Port	Owner
	t_train	trainData
Target :	Port	Owner
	EVC_t_train	sendAcknowledgementRBC
Connector15		
Source :	Port	Owner
	trackMessages	trainData
Target :	Port	Owner
	RBC_timeStamp	sendAcknowledgementRBC
Connector16		
Source :	Port	Owner
	outMessageBus	sendAcknowledgementRBC
Target :	Port	Owner
raiget :	outMessageBus	trainData
	Outiviessagebus	trambata
Connector17		
Source :	Port	Owner
	outMessageBus	sendValidTrainDataRBC
Target :	Port	Owner
	outMessageBus	trainData

Source :	Port	Owner
	MessageBus	trainData
Target :	Port	Owner
	MessageBus	sendAcknowledgementRBC
Connector19		
Source :	Port	Owner
	MessageBus	trainData
Target :	Port	Owner
	MessageBus	sendValidTrainDataRBC
Link		
Source :	Port	Owner
	errors	Abstract definition
Target :	Port	Owner
	errors	calculateTrainPosition
Link2		
Source :	Port	Owner
	currentOdometry	calculateTrainPosition
Target :	Port	Owner
	currentOdometry	Abstract definition
Link3		
Source :	Port	Owner
	passedBG	calculateTrainPosition
Target :	Port	Owner
	PassedBG	Abstract definition
Link4		
Source :	Port	Owner
	msgFromTrack	calculateTrainPosition
Target :	Port	Owner
	msgFromTrack	Abstract definition
Link5		
Source :	Port	Owner
	trainProperties	calculateTrainPosition
Target :	Port	Owner
	trainProperties	Abstract definition

		Owner
	packet0	Build_SinglePosReport
Target :	Port	Owner
	inPacket0	AggregatePackets
Connector2		
Source :	Port	Owner
	packet1	Build_SinglePosReport
Target :	Port	Owner
	inPacket1	AggregatePackets
Connector3		
Source :	Port	Owner
	packet4	Build_SinglePosReport
Target :	Port	Owner
	inPacket4	AggregatePackets
Connector4		
Source :	Port	Owner
	packet5	Build_SinglePosReport
Target :	Port	Owner
	inPacket5	AggregatePackets
Connector6		
Source :	Port	Owner
	present	ReceiveReportParameters
Target :	Port	Owner
	present	PosReport_Supervision
Connector7		
Source :	Port	Owner
	posRepParam	ReceiveReportParameters
Target :	Port	Owner
	posRepParam	PosReport_Supervision
Connector9		
Source :	Port	Owner
	trigger	PosReport_Supervision
Target :	Port	Owner
	reportIsSent	AddBGToFIFO

Source :	Port	Owner
	posRepHeader	Build_SinglePosReport
Target :	Port	Owner
	posRep	ProvidePositionReport
Connector11		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	in_packet0	Build_SinglePosReport
Connector12		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	in_packet1	Build_SinglePosReport
Connector13		
Source :	Port	Owner
	packet0	Build_Packets0_1
Target :	Port	Owner
	packet0	ProvidePositionReport
Connector14		
Source :	Port	Owner
	packet1	Build_Packets0_1
Target :	Port	Owner
	packet1	ProvidePositionReport

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Connector15		
Source :	Port	Owner
	errorVector	ErrorManager
Target :	Port	Owner
	errorMsg	Build_SinglePosReport
Connector16		
Source :	Port	Owner
	BG_LinkingConsistencyError	ProvidePositionReport
Target :	Port	Owner
	BG_LinkingConsistencyError	ErrorManager
Connector17		
Source :	Port	Owner
	LinkedBG_MessageConsistencyError	ProvidePositionReport
Target :	Port	Owner
	LinkedBG_MessageConsistencyError	ErrorManager
Connector18		
Source :	Port	Owner
	UnlinkedBG_MessageConsistencyError	ProvidePositionReport
Target:		0
Target :	Port	Owner
raryet:	UnlinkedBG_MessageConsistencyError	Owner ErrorManager
Connector19		
Connector19	UnlinkedBG_MessageConsistencyError	ErrorManager
Connector19	UnlinkedBG_MessageConsistencyError  Port	ErrorManager Owner
Connector19 Source:	UnlinkedBG_MessageConsistencyError  Port  RadioMessageConsistencyError	ErrorManager  Owner  ProvidePositionReport
Connector19 Source:	UnlinkedBG_MessageConsistencyError  Port  RadioMessageConsistencyError  Port	Owner ProvidePositionReport Owner
Connector19 Source: Target:	UnlinkedBG_MessageConsistencyError  Port  RadioMessageConsistencyError  Port	Owner ProvidePositionReport Owner
Connector19 Source: Target: Connector20	Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port RadioMessageConsistencyError	Owner ProvidePositionReport Owner ErrorManager
Connector19 Source: Target: Connector20	Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port Port	Owner ProvidePositionReport Owner ErrorManager Owner
Connector19 Source: Target: Connector20 Source:	Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  RadioSequenceError	Owner ProvidePositionReport Owner ErrorManager  Owner ProvidePositionReport
Connector19 Source: Target: Connector20 Source:	Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port RadioSequenceError  Port	Owner ProvidePositionReport Owner ErrorManager  Owner ProvidePositionReport Owner Owner Owner Owner Owner
Connector19 Source:  Target:  Connector20 Source:  Target:	Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port RadioSequenceError  Port	Owner ProvidePositionReport Owner ErrorManager  Owner ProvidePositionReport Owner Owner Owner Owner Owner
Connector19 Source: Target:  Connector20 Source: Target:  Connector21	Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port RadioMessageConsistencyError  Port RadioSequenceError  Port RadioSequenceError	Owner ProvidePositionReport Owner ErrorManager  Owner ProvidePositionReport Owner ProvidePositionReport Owner ErrorManager

ErrorManager

RadioSafeRadioConnectionError

Source :	Port	Owner
	SafetyCriticalFailure	ProvidePositionReport
Target :	Port	Owner
	SafetyCriticalFailure	ErrorManager
Connector23		
Source:	Port	Owner
	DoubleLinkingError	ProvidePositionReport
Target :	Port	Owner
	DoubleLinkingError	ErrorManager
Connector24		
Source :	Port	Owner
	DoubleRepositioningError	ProvidePositionReport
Target :	Port	Owner
	DoubleRepositioningError	ErrorManager
Connector25		<u> </u>
Source :	Port	Owner
	modeLevelStatus	ProvidePositionReport
<b>T</b> = 11 = 1		·
larget:	Port	Owner
Target :	Port model evel Status	Owner  PosReport Supervision
	Port modeLevelStatus	Owner PosReport_Supervision
Connector26	modeLevelStatus	PosReport_Supervision
	modeLevelStatus  Port	PosReport_Supervision Owner
Connector26 Source:	Port modeLevelStatus	PosReport_Supervision  Owner  ProvidePositionReport
Connector26	Port modeLevelStatus  Port modeLevelStatus  Port	PosReport_Supervision  Owner  ProvidePositionReport  Owner
Connector26 Source:	Port modeLevelStatus	PosReport_Supervision  Owner  ProvidePositionReport
Connector26 Source: Target: Connector27	Port modeLevelStatus  Port modeLevelStatus  Port	PosReport_Supervision  Owner  ProvidePositionReport  Owner
Connector26 Source:	Port modeLevelStatus  Port modeLevelStatus  Port	Owner ProvidePositionReport Owner Build_Packets0_1 Owner
Connector26 Source: Target: Connector27	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus	Owner ProvidePositionReport Owner Build_Packets0_1
Connector26 Source: Target: Connector27	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus	Owner ProvidePositionReport Owner Build_Packets0_1 Owner
Connector26 Source: Target: Connector27 Source:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port posBGs	Owner ProvidePositionReport Owner Build_Packets0_1  Owner ProvidePositionReport
Connector26 Source: Target: Connector27 Source:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port posBGs Port	Owner ProvidePositionReport Owner Build_Packets0_1  Owner ProvidePositionReport Owner Owner Owner Owner Owner
Connector26 Source:  Target:  Connector27 Source:  Target:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port posBGs Port	Owner ProvidePositionReport Owner Build_Packets0_1  Owner ProvidePositionReport Owner Owner Owner Owner Owner
Connector26 Source: Target:  Connector27 Source: Target:  Connector28	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port posBGs Port posBGs	Owner ProvidePositionReport  Owner Build_Packets0_1  Owner ProvidePositionReport  Owner ProvidePositionReport  Owner ProvidePositionReport  Owner PosReport_Supervision
Connector26 Source: Target:  Connector27 Source: Target:  Connector28	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port posBGs  Port posBGs  Port posBGs	Owner ProvidePositionReport Owner Build_Packets0_1  Owner ProvidePositionReport Owner ProvidePositionReport Owner PosReport_Supervision  Owner
Connector26 Source: Target:  Connector27 Source: Target:  Connector28 Source:	Port modeLevelStatus  Port modeLevelStatus  Port modeLevelStatus  Port posBGs  Port posBGs  Port posBGs	Owner ProvidePositionReport Owner Build_Packets0_1  Owner ProvidePositionReport Owner ProvidePositionReport Owner PosReport_Supervision  Owner ProvidePositionReport

Source :	Port	Owner
	trainPos	ProvidePositionReport
Target :	Port	Owner
	trainPos	PosReport_Supervision
Connector30		
Source :	Port	Owner
	trainPos	ProvidePositionReport
Target :	Port	Owner
	trainPos	Build_Packets0_1
Connector31		
Source :	Port	Owner
	odometry	ProvidePositionReport
Target :	Port	Owner
	odometry	PosReport_Supervision
Connector32		
Source :	Port	Owner
	odometry	ProvidePositionReport
Target :	Port	Owner
	odometry	Build_Packets0_1
Connector33		
Source :	Port	Owner
	trainProps	ProvidePositionReport
Target :	Port	Owner
	trainProps	Build_SinglePosReport
Connector35		
Source :	Port	Owner
	trainProps	ProvidePositionReport
Target :	Port	Owner
	trainProps	Build_Packets0_1
Connector36		
Source :	Port	Owner
	inMessage	ProvidePositionReport
Target :	Port	Owner
	inMessage	ReceiveReportParameters

Source :	Port	Owner
	out_reportedBGs	AddBGToFIFO
Target :	Port	Owner
	reportedBGs	ReceiveReportParameters
Connector38		
Source :	Port	Owner
	t_train	ProvidePositionReport
Target :	Port	Owner
	t_train	Build_SinglePosReport
Connector39		
Source :	Port	Owner
	prvDirTrain	ProvidePositionReport
Target :	Port	Owner
	prvDirTrain	Build_Packets0_1
Connector41		
Source :	Port	Owner
	train2trackStatus	ProvidePositionReport
Target :	Port	Owner
	train2trackStatus	Build_Packets0_1
Connector42		
Source :	Port	Owner
	trackInfo	ProvidePositionReport
		·
Target :	Port	Owner
Target :	Port trackInfo	
Target :  Connector43		Owner
		Owner
Connector43	trackInfo	Owner PosReport_Supervision
Connector43	trackInfo Port	Owner PosReport_Supervision Owner
Connector43 Source:	trackInfo  Port  systemTime	Owner PosReport_Supervision  Owner ProvidePositionReport
Connector43 Source:	Port systemTime Port	Owner PosReport_Supervision  Owner ProvidePositionReport Owner
Connector43 Source:	Port systemTime Port	Owner PosReport_Supervision  Owner ProvidePositionReport Owner
Connector43 Source: Target: Connector44	Port systemTime Port systemTime systemTime	Owner PosReport_Supervision  Owner ProvidePositionReport  Owner PosReport_Supervision
Connector43 Source: Target: Connector44	Port systemTime Port systemTime Port systemTime	Owner PosReport_Supervision  Owner ProvidePositionReport  Owner PosReport_Supervision  Owner

Source :	Port	Owner
	train2trackStatus	ProvidePositionReport
Target :	Port	Owner
	train2trackStatus	PosReport_Supervision
Connector46		
Source :	Port	Owner
	posBGs	ProvidePositionReport
Target :	Port	Owner
	posBGs	AddBGToFIFO
Connector47		
Source :	Port	Owner
	out_reportedBGs	ReceiveReportParameters
Target :	Port	Owner
	reportedBGs	AddBGToFIFO
Connector51		
Source :	Port	Owner
	prvDirTrain	ProvidePositionReport
Target :	Port	Owner
	prvDirTrain	PosReport_Supervision
Connector52		
Source :	Port	Owner
	out_reportedBGs	
	out_reportedbes	ReceiveReportParameters
Target :	Port	ReceiveReportParameters  Owner
Target :	·	·
Target :  Connector53	Port	Owner
	Port	Owner
Connector53	Port reportedBGs	Owner PosReport_Supervision
Connector53	Port reportedBGs  Port	Owner PosReport_Supervision Owner
Connector53 Source:	Port reportedBGs  Port trainProps	Owner PosReport_Supervision  Owner ProvidePositionReport
Connector53 Source:	Port reportedBGs  Port trainProps Port	Owner PosReport_Supervision  Owner ProvidePositionReport  Owner
Connector53 Source: Target:	Port reportedBGs  Port trainProps Port	Owner PosReport_Supervision  Owner ProvidePositionReport  Owner
Connector53 Source: Target: F2.6ErrorLink1	Port reportedBGs  Port trainProps  Port trainProps	Owner PosReport_Supervision  Owner ProvidePositionReport  Owner PosReport_Supervision
Connector53 Source: Target: F2.6ErrorLink1	Port reportedBGs  Port trainProps  Port trainProps  Port Port Port	Owner PosReport_Supervision  Owner ProvidePositionReport  Owner PosReport_Supervision  Owner

### F2.6ErrorLink2

Source :	Port	Owner
	errors	calculateTrainPosition
Target :	Port	Owner
	DoubleLinkingError	ProvidePositionReport
F2.6ErrorLink3		
Source :	Port	Owner
	errors	calculateTrainPosition
Target :	Port	Owner
	DoubleRepositioningError	ProvidePositionReport
F2.1ErrorLink1		
Source :	Port	Owner
	outCheckErrors	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	LinkedBG_MessageConsistencyError	ProvidePositionReport
F2.1ErrorLink2		
Source :	Port	Owner
	outCheckErrors	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	UnlinkedBG_MessageConsistencyError	ProvidePositionReport
F2.1ErrorLink3		
Source :	Port	Owner
	outCheckErrors	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	RadioMessageConsistencyError	ProvidePositionReport

F2.1ErrorLink4		
Source :	Port	Owner
	outCheckErrors	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	RadioSequenceError	ProvidePositionReport
F2.1MsgLink1		
Source :	Port	Owner
	outputMessage	Manage_TrackSideInformation_Integration
Target :	Port	Owner
	msgFromTrack	calculateTrainPosition
F2.10trainPropertie	es	
Source :	Port	Owner
	fromDMI_TrainRunningNumber	manageDMI_Input
Target :	Port	Owner
	trainProperties	calculateTrainPosition
F2.3TrainPropertie	s	
Source :	Port	Owner
	actualTrainData	trainData
Target :	Port	Owner
	trainProperties	calculateTrainPosition
F2.10TrainData		
Source :	Port	Owner
	fromDMI_TrainData	manageDMI_Input
Target :	Port	Owner
	trainDatafromDriver	trainData
F2.10TrainDataAck	(	
Source :	Port	Owner
	fromDMI_TrainDataAck	manageDMI_Input
Target :	Port	Owner
	trainDataAckfromDriver	trainData
F2.9Radio		
Source :	Port	Owner
	radioStatus_1	MoRC_HO
Target :	Port	Owner

trainData

eventsForTrainData

# F2.9Ready

Source :	Port	Owner
	ready	MoRC_HO
Target :	Port	Owner
	eventsForTrainData	trainData
F2.11StatusList		
Source :	Port	Owner
	outStatusList	manageDMI_Output
Target :	Port	Owner
	inStatusList	manageDMI_Input
F2.10StatusList		
Source :	Port	Owner
	outStatusList	manageDMI_Input
Target :	Port	Owner
	inStatusList	manageDMI_Output
F2.10CurrentDMI	2 1 1 1 2 1	
Source :	Post	O. 111.11
Source .	Port currentDMIStatus	Owner  manageDMI_Input
Target :		
raiget.	Port incurrentDMIStatus	Owner manageDMI_Output
	incurrent Divilotatus	managebiii_Odiput
F2.10NTC		
Source :	Port	Owner
	updatedNTC	manageDMI_Input
Target :	Port	Owner
	inNTC	manageDMI_Output
F2.10DMI_update		
Source :	Port	Owner
	outUpdateLevelsDMI	manageDMI_Input
Target :	Port	Owner
	dmiUpdateLevelsDMI	manageDMI_Output

# 5. System inputs

Owner	Port
ETCS OBU	RBCBTMIn
ETCS OBU	OdometryIn
ETCS OBU	Input1
ETCS OBU	DriverIn
ETCS OBU	RBCIN
ETCS OBU	TrainIn
F2 ETCS Kernel	EVC_reset
F2 ETCS Kernel	API_SystemTime
F2.1 Manage_TrackSideInformation_Integration	fullChecks
F2.1 Manage_TrackSideInformation_Integration	lastRelevantEventTimestamp
CheckBGConsistency	storedBGs
CheckBGConsistency	mMode
CheckBGConsistency	q_nvlocacc
CaseLinkingInUse1	storedBGs
CaseLinkingInUse1	q_nvlocacc
CaseLinkingNotInUse1	q_nvlocacc
InformationFilter	inSupervisingDevice
InformationFilter	inPendingL1Transition
InformationFilter	inPendingL2L3Transition
InformationFilter	inPendingAckOfTrainDataFromRBC
InformationFilter	inEmergencyStopAccepted
InformationFilter	inLastAckTextMessageId
InformationFilter	inPendingNTCTransition
InformationFilter	inLevel
InformationFilter	inModus
validateDataDirection	inLRBG
validateDataDirection	inPositionedBGs
validateDataDirection	trainPosition
CheckEuroRadioMessage	activateCheck
CheckEuroRadioMessage	tNvContact
CheckEuroRadioMessage	lastRelevantEventTimestamp
CheckEuroRadioMessage	connectionStatus
F2.10 manageDMI_Input	lasttNTC
changeLevelByDiver1	levelData
changeLevelByDiver1	lasttNTC
doDriverRequests1	inDriverRequest
receiveRequestsModesAndLevel1	fromDMI_driverRequest
receiveRequestsModesAndLevel1	fromDMI_Icon_Ack
receiveRequestsModesAndLevel1	fromDMI_TextMsg_Ack
receiveRequestsModesAndLevel1	inSystemTime

Owner	Port
receiveRequestsModesAndLevel1	inStatusList
triggerForMA1	fromDMI_driverRequest
updateDMIStatus1	sndValidationRequested
updateDMIStatus1	oldStatus
updateDMIStatus1	fromDMI
getTIUStatusFromData	inTIUActualData
mergeTIU_Info	newInfo
mergeTIU_Info	storedInfo
mergeTIU_Info	EVC_trainData
selectTrainData	newTIUTrainData
selectTrainData	in_train_commands
selectTrainData	EVC_trainData
F2.2 Manage_ETCS_Procedures	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
F2.2 Manage_ETCS_Procedures	statusRBCSessioneEstabilished_status_from_MoRC
SoM_NTC_SN	Status_Mode_Change_from_Level_and_Mode_Management
SoM_SR_FS_OS_LS_SH_SN_UN	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
SoM_SR_FS_OS_LS_SH_SN_UN	Status_Mode_Change_from_Level_and_Mode_Management
F2.9 MoRC_HO	atPowerUpRadioNetworkID
F2.9 MoRC_HO	newRadioNetworkIDFromDriver
F2.9 MoRC_HO	mobileRegistrationContext_2
F2.9 MoRC_HO	mobileConnectionContext_2
F2.9 MoRC_HO	sessionManagementAbility
F2.9 MoRC_HO	configData
F2.9 MoRC_HO	onboardPhoneNumbers_b
F2.9 MoRC_HO	m_version
processHandingOver	sessionManagementAbility
processHandingOver	mode
processHandingOver	morcStatus_1
processHandingOver	morcStatus_2
processHandingOver	dataFromTrack_in
processHandingOver	trainPosition
processHandingOver	BGs
processHandingOver	trainProperties
MoRC_Main_v21	eventsAndPhases
MoRC_Main_v21	reset
MoRC_Main_v21	msg_in
MoRC_Main_v21	atPowerUpRadioNetworkID
MoRC_Main_v21	newRadioNetworkIDFromDriver
MoRC_Main_v21	mode
MoRC_Main_v21	level

Owner	Port
MoRC_Main_v21	mobileRegistrationContext
MoRC_Main_v21	mobileConnectionContext
MoRC_Main_v21	currentTime
MoRC_Main_v21	t_train
MoRC_Main_v21	configData
MoRC_Main_v22	eventsAndPhases
MoRC_Main_v22	reset
MoRC_Main_v22	msg_in
MoRC_Main_v22	atPowerUpRadioNetworkID
MoRC_Main_v22	newRadioNetworkIDFromDriver
MoRC_Main_v22	mode
MoRC_Main_v22	level
MoRC_Main_v22	mobileRegistrationContext
MoRC_Main_v22	mobileConnectionContext
MoRC_Main_v22	currentTime
MoRC_Main_v22	t_train
MoRC_Main_v22	configData
mobileDataRouter_out	useInformationFromAcceptingRBC
mobileDataRouter_out	handingOverRBC_is_RBC_1
mobileDataRouter_out	sendPositionReport_2_acceptingRBC
mobileDataRouter_out	sendPositionReport_2_handingOverRBC
mobileDataRouter_out	sendPositionReport_2_RBC_1
mobileDataRouter_out	sendPositionReport_2_RBC_2
mobileDataRouter_out	sendTrainData_2_acceptingRBC
mobileDataRouter_out	sessionManagementAbility
mobileDataRouter_out	dataToRBC
mobileDataRouter_out	positionReport_in
mobileDataRouter_out	trainData_in
mobileDataRouter_out	morcMsgToRBC_1
mobileDataRouter_out	morcMsgToRBC_2
Commands	trainLocations
F2.8 ProvidePositionReport	trackInfo
F2.8 ProvidePositionReport	RadioSafeRadioConnectionError
F2.8 ProvidePositionReport	SafetyCriticalFailure
F2.8 ProvidePositionReport	reportedBGs
F2.8 ProvidePositionReport	inVersion
F2.13 manageTIU_output	in_IsolationStatus
F2.13 manageTIU_output	in_brake_inhibition
F2.13 manageTIU_output	in_change_traction_system
F2.13 manageTIU_output	in_passenger_door_control_info

Owner	Port
F2.13 manageTIU_output	in_change_of_allowed_current_consumption
bothBrakesActive	speedSupbrakeCommand
bothBrakesActive	levelBrakeCommand
getTIUStatusFromCommand	in_IsolationStatus
getTIUStatusFromCommand	in_brake_command
handleTraction	in_train_commands
handleTraction	inModeLevel
mapModeToTractionCutOff	inModeLevel
TIU_OutputIntegration	in_IsolationStatus
TIU_OutputIntegration	SpeedSup_brakeCommand
TIU_OutputIntegration	in_brake_inhibition
TIU_OutputIntegration	in_train_commands
TIU_OutputIntegration	in_change_traction_system
TIU_OutputIntegration	in_passenger_door_control_info
TIU_OutputIntegration	in_change_of_allowed_current_consumption
TIU_OutputIntegration	inModeAndLevel
F2.11 manageDMI_Output	dmi_dynamic
F2.11 manageDMI_Output	dmi_menuRequest
F2.11 manageDMI_Output	dmi_evc_coded_train_data
F2.11 manageDMI_Output	dmi_text_message
F2.11 manageDMI_Output	evc_systemVersion
F2.11 manageDMI_Output	dmi_displayControl
F2.11 manageDMI_Output	dmi_EVC_levelData
F2.11 manageDMI_Output	dmi_EVC_radioNet
F2.11 manageDMI_Output	dmi_driverIdentifier
F2.11 manageDMI_Output	dmi_trainRunningNumber
F2.11 manageDMI_Output	dmi_trainData
F2.11 manageDMI_Output	dmi_adhesionFactor
F2.11 manageDMI_Output	dmi_iconRequest
F2.11 manageDMI_Output	inSystemTime
F2.11 manageDMI_Output	inNationalValues
F2.11 manageDMI_Output	inMovementAuthority
F2.11 manageDMI_Output	dmi_EVC_levelList
calcDistances1	inTrainPosition
collectDMIPackets1	TIU_TrainStatus
collectDMIPackets1	dmi_dynamic
collectDMIPackets1	dmi_menuRequest
collectDMIPackets1	dmi_entryRequest
collectDMIPackets1	dmi_evc_coded_train_data
collectDMIPackets1	dmi_text_message

collectDMIPackets1 collectDMIPackets1 dmi_identifierRequest collectDMIPackets1 dmi_systemVersion collectDMIPackets1 dmi_exptemVersion collectDMIPackets1 dmi_exptemVersion collectDMIPackets1 dmi_eVC_levelData collectDMIPackets1 dmi_eVC_radioNet collectDMIPackets1 dmi_eVC_radioNet collectDMIPackets1 dmi_trainRunningNumber collectDMIPackets1 dmi_trainRunningNumber collectDMIPackets1 dmi_trainRunningNumber dmi_trainData collectDMIPackets1 dmi_trainData collectDMIPackets1 collectDMIPackets1 dmi_conRequest collectDMIPackets1 collectDMIPackets1 dmi_iconRequest collectDMIPackets1 collectDMIPackets1 dmi_iconRequest collectDMIPackets1 convert_cm_s_km_b1 convert_cm_s_km_b1 convert_cm_s_km_b1 convert_cm_s_km_b1 copyGradientElement1 dmi_tromBG copyGradientElement1 dmi_exc_bosciption copyGradientElement1 dmi_exc_bosciption copyGradientElement1 dmi_lexc_bosciption copyGradientElement1 dmi_lexc_bosciption dmi_trackDesciption dmi_track	Owner	Port
collectDMIPackets1 dmi_dsplayControl collectDMIPackets1 dmi_dsplayControl collectDMIPackets1 dmi_EVC_levelData collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_driverIdentifier collectDMIPackets1 dmi_trainEvaningNumber collectDMIPackets1 dmi_trainEvaningNumber collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_conRequest collectDMIPackets1 dmi_conRequest collectDMIPackets1 dmi_conRequest collectDMIPackets1 systemTime convert_cm_s_km_h1 cm_s copyGradientElement1 dmi_fromBG copyGradientElement1 dmi_fromBG copyGradientElement1 dmi_fromBG copyGradientElement1 inSystemTime copyGradientElement1 inSystemTime copyGradientElement1 inSystemTime copyGradientElement1 inSystemTime copyGradientElement1 inSystemTime copyGradientElement1 inSpeedSupervision copyGradientElement1 inStakeCommand copyGradientElement1 inSpeedSupervision copyGradientElement1 inSpeedSupervision copyGradientElement1 inModeAndLevel copyGradientElement1 inModeAndLevel copyGradientElement1 inModeAndLevel copyGradientElement1 inModeAndLevel copyGradientElement1 inRadioConnectionStatus trainDataFromEVC copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 dmi_identifierRequest copyGradientEleme	collectDMIPackets1	dmi_trackDescription
collectDMIPackets1 collectDMIPackets1 dmi_EVC_levelData collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_EvC_radioNet collectDMIPackets1 dmi_trainRunningNumber collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_conRequest collectDMIPackets1 collectDMIPackets1 dmi_conRequest collectDMIPackets1 convert_cms_s_km_h1 cms_s convert_cms_s_km_h1 dmi_soms_g doingtellement1 copyGradientElement1 dmiUpdateLevelsDMI copyGradientElement1 copyGradientElement1 dmi_tromBG copyGradientElement1 dmi_copyGradientElement1 copyGradientElement1 dmi_copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 dmi_trackDescription copyGradientElement1 dmi_trackDescription copyGradientElement1 dmi_trackDescription dmi_deliferRequest copyGradientElement1 dmi_evc_coded_train_data dmi_trackDescription copyGradientElement1 dmi_displayControl copyGradientElement1 dmi_evc_coded_train_data dmi_trackDescription dmi_displayControl copyGradientElement1 dmi_displayControl copyGradientElement1 dmi_diverIdentIfier dmi_fromModesAndLevel	collectDMIPackets1	dmi_identifierRequest
collectDMIPackets1 dmi_EVC_levelData collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_conRequest collectDMIPackets1 dmi_conRequest collectDMIPackets1 dmi_conRequest collectDMIPackets1 systemTime convert_cm_s_km_h1 cm_s copyGradientElement1 dmiUpateLevelsDMI copyGradientElement1 dmi_fromBG copyGradientElement1 incurrentDMIStatus copyGradientElement1 inSystemTime copyGradientElement1 inSpeedSupervision copyGradientElement1 inSpeedSupervision copyGradientElement1 inSpeedSupervision copyGradientElement1 inModeAndLevel copyGradientElement1 inMovementAuthority copyGradientElement1 inMovementAuthority copyGradientElement1 inRadioConnectionStatus copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 dmi_tackDescription copyGradientElement1 dmi_tackDescription copyGradientElement1 dmi_tackDescription copyGradientElement1 dmi_tackDescription copyGradientElement1 dmi_tackDescription copyGradientElement1 dmi_evc_leveList copyGradientElement1 dmi_evc_leveList copyGradientElement1 dmi_dientifierRequest copyGradientElement1 dmi_evc_leveList copyGradientElement1 dmi_dientifierRequest dmi_trainRunningNumber copyGradientElement1 dmi_dientifierCequest dmi_dientifierRequest dmi_dientifierCequest dmi_dientifierRequest dmi_dientifierCequest dmi_dientifierRequest dmi_dientifierCequest dmi_dientifierRequest dmi_dientifierRequest dmi_dientifierRequest dmi_dientifierRequest dmi_dientifierRequest dmi_dientifierRequest dmi_dientifierCequest dmi_dientifierCequest dmi_dientifierCequest dmi_dientifierCequest dmi_dientifierCequest dmi_dientifierCequest dmi_dientifierCequest dmi_d	collectDMIPackets1	dmi_systemVersion
collectDMIPackets1 dmi_driverIdentifier collectDMIPackets1 dmi_driverIdentifier collectDMIPackets1 dmi_trainRunninNumber collectDMIPackets1 dmi_trainData collectDMIPackets1 dmi_adhesionFactor collectDMIPackets1 dmi_conRequest collectDMIPackets1 dmi_conRequest collectDMIPackets1 systemTime convert_cm_s_km_h1 cm_s copyGradientElement1 dmi_UpdateLevelsDMI copyGradientElement1 dmi_fromBG copyGradientElement1 incurrentDMIStatus copyGradientElement1 incurrentDMIStatus copyGradientElement1 incodometry copyGradientElement1 inCodom	collectDMIPackets1	dmi_displayControl
collectDMIPackets1 dmi_trainRunningNumber collectDMIPackets1 dmi_trainRunningNumber dmi_trainCatal dmi_trainCat	collectDMIPackets1	dmi_EVC_levelData
collectDMIPackets1 collectDMIPackets1 dmi_trainData  collectDMIPackets1 dmi_conRequest collectDMIPackets1 dmi_conRequest collectDMIPackets1 dmi_conRequest collectDMIPackets1 systemTime convert_cm_s_km_h1 copyGradientElement1 dmiUpdateLevelsDMI copyGradientElement1 dmi_entryRequest copyGradientElement1 dmi_evc_coded_train_data	collectDMIPackets1	dmi_EVC_radioNet
collectDMIPackets1 collectDMIPackets1 collectDMIPackets1 dmi_adhesionFactor collectDMIPackets1 dmi_ionRequest collectDMIPackets1 systemTime convert_cm_s_km_h1 cm_s copyGradientElement1 dmiUpdateLevelsDMI copyGradientElement1 copyGradientElement1 incurrentDMIStatus copyGradientElement1 copyGradientElement1 copyGradientElement1 copyGradientElement1 copyGradientElement1 inSystemTime copyGradientElement1 copyGradientElement1 copyGradientElement1 inOdometry copyGradientElement1 copyGradientElement1 copyGradientElement1 copyGradientElement1 inBrakeCommand copyGradientElement1 copyGradientElement1 inModeAndLevel copyGradientElement1 inModeAndLevel copyGradientElement1 inMovementAuthority copyGradientElement1 copyGradientElement1 copyGradientElement1 copyGradientElement1 copyGradientElement1 copyGradientElement1 copyGradientElement1 copyGradientElement1 dmi_entryRequest copyGradientElement1 copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 dmi_displayControl copyGradientElement1 dmi_displayControl copyGradientElement1 dmi_displayControl dmi_eVC_levelList copyGradientElement1 dmi_dicyC_radioNet copyGradientElement1 dmi_driverIdentifier copyGradientElement1 dmi_driverIdentifier copyGradientElement1 dmi_driverIdentifier	collectDMIPackets1	dmi_driverIdentifier
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copyGradientElement1 inMovementAuthority copyGradientElement1 inRadioConnectionStatus copyGradientElement1 trainDataFromEVC copyGradientElement1 dmi_entryRequest copyGradientElement1 dmi_evc_coded_train_data copyGradientElement1 dmi_trackDescription copyGradientElement1 dmi_identifierRequest copyGradientElement1 dmi_displayControl copyGradientElement1 dmi_EVC_levelList copyGradientElement1 dmi_EVC_radioNet copyGradientElement1 dmi_driverIdentifier copyGradientElement1 dmi_trainRunningNumber copyGradientElement1 dmi_adhesionFactor copyGradientElement1 dmi_fromModesAndLevel	copyGradientElement1	inModeAndLevel
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copyGradientElement1       dmi_EVC_levelList         copyGradientElement1       dmi_EVC_radioNet         copyGradientElement1       dmi_driverIdentifier         copyGradientElement1       dmi_trainRunningNumber         copyGradientElement1       dmi_adhesionFactor         copyGradientElement1       dmi_fromModesAndLevel	copyGradientElement1	dmi_identifierRequest
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copyGradientElement1 dmi_driverIdentifier copyGradientElement1 dmi_trainRunningNumber copyGradientElement1 dmi_adhesionFactor copyGradientElement1 dmi_fromModesAndLevel	copyGradientElement1	dmi_EVC_levelList
copyGradientElement1 dmi_trainRunningNumber copyGradientElement1 dmi_adhesionFactor copyGradientElement1 dmi_fromModesAndLevel	copyGradientElement1	dmi_EVC_radioNet
copyGradientElement1 dmi_adhesionFactor copyGradientElement1 dmi_fromModesAndLevel	copyGradientElement1	dmi_driverIdentifier
copyGradientElement1 dmi_fromModesAndLevel	copyGradientElement1	dmi_trainRunningNumber
·	copyGradientElement1	dmi_adhesionFactor
copyGradientElement1 inNTC	copyGradientElement1	dmi_fromModesAndLevel
oopy or a district the state of	copyGradientElement1	inNTC
copyGradientElement1 inStatusList	copyGradientElement1	inStatusList

Owner	Port
copyGradientElement1	index
copyGradientElement1	fromTrackAtlas
copySpeedProfileElement1	index
copySpeedProfileElement1	fromTrackAtlas
copyTrackDescription1	fromTrackAtlas
copyTrackDescription1	inSystemTime
cyclicReportToDMI1	incurrentDMIStatus
cyclicReportToDMI1	inSystemTime
cyclicReportToDMI1	inOdometry
cyclicReportToDMI1	inTrainPosition
cyclicReportToDMI1	inSpeedSupervision
cyclicReportToDMI1	inModeAndLevel
cyclicReportToDMI1	inNationalValues
cyclicReportToDMI1	inMovementAuthority
cyclicReportToDMI1	inMoRC_status
cyclicReportToDMI1	inNTC
doEntryRequest1	dmi_entryRequest
doEntryRequest1	inSystemTime
doldentifierRequest1	TIU_TrainStatus
doldentifierRequest1	inSystemTime
doldentifierRequest1	ownVersion
isSendingNeeded1	inSystemTime
isSendingNeeded1	incurrentDMIStatus
mapEntryForLevel1	dmi_entryRequest
mapMoRCtoRadio_CS1	inMoRC_status
sendBrakesToDMI1	brakeCommand
sendBrakesToDMI1	inSystemTime
sendDynamic1	inSystemTime
sendDynamic1	inOdometry
sendDynamic1	inTrainPosition
sendDynamic1	inSpeedSupervision
sendDynamic1	inModeLevel_Ack
sendDynamic1	inNationalValues
sendDynamic1	inMoRC_status
sendDynamic1	inNTC
sendDynamic1	inModeAndLevel
sendDynamic1	inMovementAuthority
sendLevelListPkg1	UpdateLevelsRequested
sendLevelListPkg1	levelList
sendLevelListPkg1	inSystemTime
<u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>	

Owner	Port
sendTrainData1	inSystemTime
sendTrainData1	trainDataFromEVC
sendVersion1	ownVersion
sendVersion1	dmiStatus
sendVersion1	inSystemTime
synchWithDMI1	outputStatus
synchWithDMI1	dmi_identifierRequest
synchWithDMI1	TIU_TrainStatus
synchWithDMI1	systemTime
F2.3 trainData	MessageBus
F2.3 trainData	inVersion
trainDataStorage	actualStatus
sendAcknowledgementRBC	actualStatus
sendAcknowledgementRBC	inVersion
checkRadioMessages	actualStatus
sendValidTrainDataRBC	actualStatus
sendValidTrainDataRBC	inVersion
F2.6 calculateTrainPosition	passedBG
linkedBG_missed	enable
linkedBG_missed	position
linkedBG_missed	BGs_in
twoConsecutiveLinkedBGs_missed	reset
twoConsecutiveLinkedBGs_missed	passedBG
twoConsecutiveLinkedBGs_missed	msgFromTrack
twoConsecutiveLinkedBGs_missed	missed
twoConsecutiveLinkedBGs_missed	missedLinkedBG
addAnnouncedBGs	passedBG
addAnnouncedBGs	BGs_in
addAnnouncedBGs	trainProperties
calculateBGLocations	reset
calculateBGLocations	passedBG
calculateBGLocations	lastBGs
calculateBGLocations	trainProperties
calculateTrainpositionAttributes	trainPositionInfo
calculateTrainpositionAttributes	currentOdometry
calculateTrainpositionAttributes	trainProperties
calculateTrainPositionInfo	recalculateBGs
calculateTrainPositionInfo	reset
calculateTrainPositionInfo	currentOdometry
calculateTrainPositionInfo	BGs

Owner	Port
calculateTrainPositionInfo	passedBG
delDispensableBGs	deleteBG
delDispensableBGs	BGs_in
msg_2_passedBG	msgFromTrack
F2.5 ManageLevelAndMode	Data_From_Speed_and_Supervision
F2.5 ManageLevelAndMode	MemorizedLevelIn
Input	Data_From_DMI
Input	Data_From_TIU
Input	Data_From_Track_Messages
Input	Data_From_Track_Packets
Input	Data_From_STM
Input	Data_From_Localisation
Input	Data_From_Speed_and_Supervision
Input	Data_From_F2_Functions
Input	Cab_In
Input	driver_level_transition_In
Input	ERTMS_capabilities_In
Input	startOfMissionEnded
Input	Data_From_Track_MASSPGradient
ManageLevels	trainStandstill
ManageLevels	levelAck
ManageLevels	driverLevelTransition
ManageLevels	trainPosition
ManageLevels	ERTMScapabilities
ManageLevels	DataFromTrackToLevel
ManageLevels	MemorizedLevelIn
CheckLevelAndMode	Level
CheckLevelAndMode	Mode
ManageModes	Current_Level
ManageModes	Cab
ManageModes	Data_From_DMI
ManageModes	Data_From_F2_Functions
ManageModes	Data_From_Localisation
ManageModes	Data_From_Speed_and_Supervision
ManageModes	Data_From_STM
ManageModes	Data_From_TIU
ManageModes	Data_From_Track
ManageModes	TripModeFromLevel
Output	needsAckFromDriver
Output	service_brake_from_level
,	

Owner	Port
Output	LevelsTransitionPositionPassed
Output	EB_Requested_From_Mode
Output	Service_Brake_Command_From_Mode
Output	Level_Mode_Compatible
Output	next_level
Output	TripTrain
Output	previous_level
Output	MemorizedLevelIn
Output	announce_driver_selection
Output	currentMode
Output	Data_To_DMI_From_Mode
Output	Data_To_BG_Management_From_Mode
TrackAtlasETCS	TrainData_in
TrackAtlasETCS	fromDriverToMA_R
TrackAtlasETCS	MessageIn
TrackAtlasETCS	ModeAndLevel_in
TrackAtlasETCS	TrainPositionIn
TrackAtlasETCS	train_length
TrackAtlasETCS	SystemTime
TrackAtlasETCS	preindicationLocation
TrackAtlasETCS	odometry
TrackAtlasETCS	trainProps
TrackAtlasETCS	packet0
TrackAtlasETCS	packet1
TrackAtlasETCS	t_train
TrackAtlasETCS	P203V1_onboard
TrackAtlasETCS	PermanentDataP003
TrackAtlasETCS	bus_in
F2.9 MoRC_Main	obuEventsAndPhases
F2.9 MoRC_Main	radioNetworkIDs
F2.9 MoRC_Main	statusOfMobile
F2.9 MoRC_Main	connectionStatusTimerInterval
F2.9 MoRC_Main	currentTime
F2.9 MoRC_Main	mode
F2.9 MoRC_Main	level
F2.9 MoRC_Main	inMessage_new
F2.9 MoRC_Main	t_train
F2.9 MoRC_Main	t_train_global
F2.9 MoRC_Main	msgBus_in
F2.9 MoRC_Main	nid_engine

Owner	Port
F2.9 MoRC_Main	onboardPhoneNumbers
F2.9 MoRC_Main	onboardPhoneNumbers_b
F2.9 MoRC_Main	m_version
Driver	Input1
F2 ETCS Kernel	EVC_reset
F2 ETCS Kernel	API_SystemTime
F2.1 Manage_TrackSideInformation_Integration	fullChecks
F2.1 Manage_TrackSideInformation_Integration	lastRelevantEventTimestamp
CheckBGConsistency	storedBGs
CheckBGConsistency	mMode
CheckBGConsistency	q_nvlocacc
CaseLinkingInUse1	storedBGs
CaseLinkingInUse1	q_nvlocacc
CaseLinkingNotInUse1	q_nvlocacc
InformationFilter	inLevel
InformationFilter	inModus
InformationFilter	inSupervisingDevice
InformationFilter	inPendingL1Transition
InformationFilter	inPendingL2L3Transition
InformationFilter	inPendingAckOfTrainDataFromRBC
InformationFilter	inEmergencyStopAccepted
InformationFilter	inLastAckTextMessageId
InformationFilter	inPendingNTCTransition
validateDataDirection	inLRBG
validateDataDirection	inPositionedBGs
validateDataDirection	trainPosition
CheckEuroRadioMessage	tNvContact
CheckEuroRadioMessage	lastRelevantEventTimestamp
CheckEuroRadioMessage	connectionStatus
CheckEuroRadioMessage	activateCheck
F2.10 manageDMI_Input	lasttNTC
changeLevelByDiver1	levelData
changeLevelByDiver1	lasttNTC
doDriverRequests1	inDriverRequest
receiveRequestsModesAndLevel1	fromDMI_driverRequest
receiveRequestsModesAndLevel1	fromDMI_Icon_Ack
receiveRequestsModesAndLevel1	fromDMI_TextMsg_Ack
receiveRequestsModesAndLevel1	inSystemTime
receiveRequestsModesAndLevel1	inStatusList
triggerForMA1	fromDMI_driverRequest
thiggon onto	

updateDMIStatus1 romDMI  updateDMIStatus1 sndValidationRequested getTIUStatusFromData inTIUActualData mergeTIU Info nergeTIU Info storedinfo mergeTIU Info storedinfo mergeTIU Info storedinfo mergeTIU Info storedinfo selectTrainData newTIUTrainData selectTrainData F2.2 Manage ETCS Procedures F2.2 Manage ETCS Procedures Status MA FS SR OS LS SH from MA L2 Management F2.2 Manage ETCS Procedures statusRBCSessioneEstabilished_status_from_MoRC SoM_NTC_SN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_MOde_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO atPowerUpRadioNetworkID F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO sessionManagementAbility F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO mobileConnectionContext_1 F2.9 MoRC_HO mode F2.9 MoRC_Main_v21 mode F2.9 MoRC_Main_v21 modelRegistrationContext F2.9 MoRC_Main_v21 modelRegi	Owner	Port
updateDMIStatus1 sndValidationRequested  getTIUStatusFromData inTIUActualData  mergeTIU_Info mergeTIU_Info mergeTIU_Info storedinfo  selectTrainData selectTrainData selectTrainData F2.2 Manage_ETCS_Procedures F2.2 Manage_ETCS_Procedures SoM_NTC_SN SoM_NTC_SN SoM_SR_FS_OS_LS_SH_SN_UN Status_MOde_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_MOde_Change_from_Level_and_Mode_Management F2.9 MoRC_HO F2.9 more_thoughtput F2.9 m	updateDMIStatus1	oldStatus
getTIUStatusFromData mergeTIU_Info mergeTIU_Info mergeTIU_Info mergeTIU_Info mergeTIU_Info mergeTIU_Info mergeTIU_Info mergeTIU_Info StoredInfo EVC_trainData selectTrainData selectTrainData  F2.2 Manage_ETCS_Procedures F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management SOM_SR_FS_OS_LS_SH_SN_UN Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management SOM_SR_FS_OS_LS_SH_OM_MA_L2_Management SOM_SR_FS_OS_LS_SH_from_MA_L2_Management SOM_SR_FS_OS_LS_SH_OM_MA_L2_Management SOM_SR_FS_OS_LS_SH_FROM_MA_L2_Management SOM_SR_FS_OS_LS_SH_from_MA_L2_Management SOM_SR_FS_OS_LS_SH_MOR_L2 Ghangement SOM_SR_FS_OS_LS_SH_from_MA_L2_Management SOM_SR_FS_OS_LS_SH_MOR_L2 Ghangement SOM_SR_FS_OS_LS_SH_MOR_L2 Ghangement SOM_SR_FS_OS_LS_H_from_MA_L2_Management SOM_SR_FS_OS_LS_HOM_MALAGE Ghangement SOM_SR_FS_OS_LS_HOM_MALAGE Gha	updateDMIStatus1	fromDMI
mergeTIU_Info mergeTIU_Info mergeTIU_Info mergeTIU_Info storedInfo EVC_trainData selectTrainData selectTrainData F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MORC SoM_NTC_SN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_MOde_Change_from_Level_and_Mode_Management F2.9 MoRC_HO F2.9 MORC_Main_v21 F2.9 MoRC_Mai	updateDMIStatus1	sndValidationRequested
mergeTIU_Info mergeTIU_Info mergeTIU_Info mergeTIU_Info EVC_trainData selectTrainData selectTrainData selectTrainData selectTrainData EVC_trainData EVC_trainData EVC_trainData EVC_trainData EVC_trainData EVC_trainData EVC_trainData EVC_trainData F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management EV2.2 Manage_ETCS_Procedures SM_NTC_SN Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management SM_SR_FS_OS_LS_SH_SN_UN Status_MA_FS_R_OS_LS_SH_from_MA_L2_Management SM_SR_FS_OS_LS_SH_SN_UN Status_MA_FS_R_OS_LS_SH_from_MA_L2_Management SM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management SM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management Appeared_Ind_Mode_Management SM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management Appeared_Ind_Mode_Management A	getTIUStatusFromData	inTIUActualData
mergeTIU_Info selectTrainData selectTrainData selectTrainData selectTrainData selectTrainData F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management F2.2 Manage_ETCS_Procedures statusRBCSessioneEstabilished_status_from_MoRC SoM_NTC_SN SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO F2.9 MORC_	mergeTIU_Info	newInfo
selectTrainData selectTrainData SelectTrainData SelectTrainData F2.2 Manage_ETCS_Procedures F2.2 Manage_ETCS_Procedures Status_MA_FS_R_OS_LS_SH_from_MA_L2_Management F2.2 Manage_ETCS_Procedures status_RBCSessioneEstabilished_status_from_MoRC SoM_NTC_SN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO RewRadioNetworkIDFromDriver F2.9 MoRC_HO RewRadioNetworkIDFromDriver F2.9 MoRC_HO RewRadioNetworkIDFromDriver F2.9 MoRC_HO RewRadioNetworkIDFromDriver F2.9 MoRC_HO SessionManagementAbility F2.9 MoRC_HO SessionManagementAbility F2.9 MoRC_HO Someore F2.9 MoRC_HO Someore F2.9 MoRC_HO RewRadioNetworkIDFromDriver F2.9 MoRC_Main_v21 RevRadioNetworkIDFromDriver RevRadioNetworkIDFromD	mergeTIU_Info	storedInfo
SelectTrainData F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management F2.2 Manage_ETCS_Procedures Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management F2.2 Manage_ETCS_Procedures SoM_NTC_SN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO atPowerUpRadioNetworkID F2.9 MoRC_HO atPowerUpRadioNetworkID F2.9 MoRC_HO mobileRegistrationContext_2 F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO sessionManagementAbility F2.9 MoRC_HO configData F2.9 MoRC_HO configData F2.9 MoRC_HO moversion processHandingOver mode processHandingOver mode processHandingOver moreStatus_1 processHandingOver moreStatus_1 processHandingOver dataFromTrack_in trainPosition processHandingOver BGs processHandingOver sessionManagementAbility processHandingOver sessionManagementAbility processHandingOver trainProperties MoRC_Main_v21 msg_in MoRC_Main_v21 mode level MoRC_Main_v21 mode level MoRC_Main_v21 mode level MoRC_Main_v21 mobileRegistrationContext mobileConnectionContext mobileConnectionContext currentTime	mergeTIU_Info	EVC_trainData
F2.2 Manage_ETCS_Procedures F2.2 Manage_ETCS_Procedures SoM_NTC_SN SoM_NTC_SN SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO F2.9	selectTrainData	newTIUTrainData
F2.2 Manage_ETCS_Procedures  SoM_NTC_SN  Status_Mode_Change_from_Level_and_Mode_Management  SoM_SR_FS_OS_LS_SH_SN_UN  Status_MAF_FS_ROS_LS_SH_from_MA_L2_Management  SoM_SR_FS_OS_LS_SH_SN_UN  Status_Mode_Change_from_Level_and_Mode_Management  SoM_SR_FS_OS_LS_SH_SN_UN  Status_Mode_Change_from_Level_and_Mode_Management  F2.9 MoRC_HO  atPowerUpRadioNetworkID  F2.9 MoRC_HO  f3.9 MoRC_HO  f4.9 MoRC_HO  f5.9 MoRC_HO  f6.9 MoR	selectTrainData	EVC_trainData
SoM_NTC_SN Status_Mode_Change_from_Level_and_Mode_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management SoM_SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO atPowerUpRadioNetworkID F2.9 MoRC_HO newRadioNetworkIDFromDriver F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO sessionManagementAbility F2.9 MoRC_HO sessionManagementAbility F2.9 MoRC_HO noboardPhoneNumbers_b F2.9 MoRC_HO processHandingOver mode processHandingOver moreStatus_1 processHandingOver moreStatus_2 processHandingOver dataFromTrack_in processHandingOver processHandingOver processHandingOver sessionManagementAbility processHandingOver trainPosition processHandingOver BGs processHandingOver sessionManagementAbility processHandingOver trainProperties MoRC_Main_v21 eventsAndPhases MoRC_Main_v21 newRadioNetworkIDFromDriver MoRC_Main_v21 newRadioNetworkIDFromDriver MoRC_Main_v21 mode MoRC_Main_v21 modeleconnectionContext MoRC_Main_v21 mobileRegistrationContext MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 mobileConnectionContext currentTime	F2.2 Manage_ETCS_Procedures	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
SoM_SR_FS_OS_LS_SH_SN_UN  Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management  SOM_SR_FS_OS_LS_SH_SN_UN  Status_Mode_Change_from_Level_and_Mode_Management  F2.9 MoRC_HO  F2.9	F2.2 Manage_ETCS_Procedures	statusRBCSessioneEstabilished_status_from_MoRC
SoM_SR_FS_OS_LS_SH_SN_UN  F2.9 MoRC_HO  F2.9 MoRC_Main_v21  F2.9 MoRC_Main_v	SoM_NTC_SN	Status_Mode_Change_from_Level_and_Mode_Management
F2.9 MoRC_HO  F2.9 MoRC_Main_v21  F2.9 MoRC_Ma	SoM_SR_FS_OS_LS_SH_SN_UN	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
F2.9 MoRC_HO  F2.9 MoRC_Main_v21  F2.9 MoRC_Main_v21	SoM_SR_FS_OS_LS_SH_SN_UN	Status_Mode_Change_from_Level_and_Mode_Management
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F2.9 MoRC_HO SessionManagementAbility F2.9 MoRC_HO Session F2.9 MoRC_HO Session Sessio	F2.9 MoRC_HO	newRadioNetworkIDFromDriver
F2.9 MoRC_HO SessionManagementAbility F2.9 MoRC_HO ConfigData F2.9 MoRC_HO OnboardPhoneNumbers_b F2.9 MoRC_HO M_version  processHandingOver mode processHandingOver moreStatus_1 processHandingOver moreStatus_2 processHandingOver dataFromTrack_in processHandingOver processHandingOver BGs processHandingOver sessionManagementAbility processHandingOver moreStatus_2  processHandingOver trainPosition  processHandingOver BGs processHandingOver sessionManagementAbility processHandingOver msg_in MoRC_Main_v21 msg_in MoRC_Main_v21 atPowerUpRadioNetworkID MoRC_Main_v21 newRadioNetworkIDFromDriver MoRC_Main_v21 mode MoRC_Main_v21 mode MoRC_Main_v21 mode MoRC_Main_v21 mobileRegistrationContext MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 mobileConnectionContext	F2.9 MoRC_HO	mobileRegistrationContext_2
F2.9 MoRC_HO	F2.9 MoRC_HO	mobileConnectionContext_2
F2.9 MoRC_HO  F2.9 MoRC_HO  processHandingOver  processHandingOver	F2.9 MoRC_HO	sessionManagementAbility
F2.9 MoRC_HO  processHandingOver  mag_in  morcStatus_2  dataFromTrack_in  trainPosition  BGs  processHandingOver  sessionManagementAbility  processHandingOver  trainProperties  morc_Main_v21  morc_Main_v21  atPowerUpRadioNetworkID  morc_Main_v21  more  morcStatus_1  ataFromTrack_in  processHandingOver  trainPosition  ataFromTrack_in  processHandingOver  trainPosition  morc_Main_v21  ateVentsAndPhases  ateVentsAndPhases  ateVentsAndPhases  ateVentsAndPhases  ateVentsAndPhases  morc_Main_v21  morc_Main_v21  morc_Main_v21  more  morc_Main_v21  mobileConnectionContext  morc_Main_v21  morc_Main_v21  morc_Main_v21  morc_Main_v21  morc_Main_v21  morc_Main_v21  morc_Main_v21  currentTime	F2.9 MoRC_HO	configData
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processHandingOver sessionManagementAbility processHandingOver trainProperties MoRC_Main_v21 msg_in MoRC_Main_v21 eventsAndPhases MoRC_Main_v21 atPowerUpRadioNetworkID MoRC_Main_v21 newRadioNetworkIDFromDriver MoRC_Main_v21 mode MoRC_Main_v21 mode MoRC_Main_v21 level MoRC_Main_v21 mobileRegistrationContext MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 currentTime	processHandingOver	dataFromTrack_in
processHandingOver sessionManagementAbility processHandingOver trainProperties  MoRC_Main_v21 msg_in  MoRC_Main_v21 eventsAndPhases  MoRC_Main_v21 atPowerUpRadioNetworkID  MoRC_Main_v21 newRadioNetworkIDFromDriver  MoRC_Main_v21 mode  MoRC_Main_v21 level  MoRC_Main_v21 mobileRegistrationContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime	processHandingOver	trainPosition
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MoRC_Main_v21 msg_in  MoRC_Main_v21 eventsAndPhases  MoRC_Main_v21 atPowerUpRadioNetworkID  MoRC_Main_v21 newRadioNetworkIDFromDriver  MoRC_Main_v21 mode  MoRC_Main_v21 level  MoRC_Main_v21 mobileRegistrationContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime	processHandingOver	sessionManagementAbility
MoRC_Main_v21eventsAndPhasesMoRC_Main_v21atPowerUpRadioNetworkIDMoRC_Main_v21newRadioNetworkIDFromDriverMoRC_Main_v21modeMoRC_Main_v21levelMoRC_Main_v21mobileRegistrationContextMoRC_Main_v21mobileConnectionContextMoRC_Main_v21currentTime	processHandingOver	trainProperties
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MoRC_Main_v21newRadioNetworkIDFromDriverMoRC_Main_v21modeMoRC_Main_v21levelMoRC_Main_v21mobileRegistrationContextMoRC_Main_v21mobileConnectionContextMoRC_Main_v21currentTime	MoRC_Main_v21	eventsAndPhases
MoRC_Main_v21         mode           MoRC_Main_v21         level           MoRC_Main_v21         mobileRegistrationContext           MoRC_Main_v21         mobileConnectionContext           MoRC_Main_v21         currentTime	MoRC_Main_v21	atPowerUpRadioNetworkID
MoRC_Main_v21levelMoRC_Main_v21mobileRegistrationContextMoRC_Main_v21mobileConnectionContextMoRC_Main_v21currentTime	MoRC_Main_v21	newRadioNetworkIDFromDriver
MoRC_Main_v21mobileRegistrationContextMoRC_Main_v21mobileConnectionContextMoRC_Main_v21currentTime	MoRC_Main_v21	mode
MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime	MoRC_Main_v21	level
MoRC_Main_v21 currentTime	MoRC_Main_v21	mobileRegistrationContext
	MoRC_Main_v21	mobileConnectionContext
MoRC Main v21	MoRC_Main_v21	currentTime
1VIOTOVIGHTVZ_1	MoRC_Main_v21	reset

Owner	Port
MoRC_Main_v21	t_train
MoRC_Main_v21	configData
MoRC_Main_v22	msg_in
MoRC_Main_v22	eventsAndPhases
MoRC_Main_v22	atPowerUpRadioNetworkID
MoRC_Main_v22	newRadioNetworkIDFromDriver
MoRC_Main_v22	mode
MoRC_Main_v22	level
MoRC_Main_v22	mobileRegistrationContext
MoRC_Main_v22	mobileConnectionContext
MoRC_Main_v22	currentTime
MoRC_Main_v22	reset
MoRC_Main_v22	t_train
MoRC_Main_v22	configData
mobileDataRouter_out	dataToRBC
mobileDataRouter_out	positionReport_in
mobileDataRouter_out	trainData_in
mobileDataRouter_out	morcMsgToRBC_1
mobileDataRouter_out	morcMsgToRBC_2
mobileDataRouter_out	useInformationFromAcceptingRBC
mobileDataRouter_out	handingOverRBC_is_RBC_1
mobileDataRouter_out	sendPositionReport_2_acceptingRBC
mobileDataRouter_out	sendPositionReport_2_handingOverRBC
mobileDataRouter_out	sendPositionReport_2_RBC_1
mobileDataRouter_out	sendPositionReport_2_RBC_2
mobileDataRouter_out	sendTrainData_2_acceptingRBC
mobileDataRouter_out	sessionManagementAbility
Commands	trainLocations
F2.8 ProvidePositionReport	trackInfo
F2.8 ProvidePositionReport	RadioSafeRadioConnectionError
F2.8 ProvidePositionReport	SafetyCriticalFailure
F2.8 ProvidePositionReport	reportedBGs
F2.8 ProvidePositionReport	inVersion
F2.13 manageTIU_output	in_IsolationStatus
F2.13 manageTIU_output	in_brake_inhibition
F2.13 manageTIU_output	in_change_traction_system
F2.13 manageTIU_output	in_passenger_door_control_info
F2.13 manageTIU_output	in_change_of_allowed_current_consumption
bothBrakesActive	speedSupbrakeCommand
bothBrakesActive	levelBrakeCommand

getTIUStatusFromCommand getTIUStatusFromCommand handleTraction in_train_commands handleTraction in_train_commands handleTraction in_train_commands handleTraction in_train_commands handleTraction in_train_commands in_train_commands in_train_commands in_train_commands in_train_commands in_train_commands in_train_commands in_toutputIntegration TIU_OutputIntegration TIU_OutputIntegration in_train_commands in_train_command in_train_commands in_train_commands in_train_command in_train_commands in_train_commands in_train_commands in_train_commands in_train_commands in_train_command in_train_command in_train_commands in_train_commande in_trai	Owner	Port
handleTraction in_train_commands handleTraction inModeLevel mapModeToTractorCutOff inModeLevel TIU_OutputIntegration in_IsolationStatus TIU_OutputIntegration SpeedSup_brakeCommand TIU_OutputIntegration in_brake_inhibition TIU_OutputIntegration in_brake_inhibition TIU_OutputIntegration in_brake_inhibition TIU_OutputIntegration in_brake_inhibition TIU_OutputIntegration in_change_traction_system TIU_OutputIntegration in_change_traction_system TIU_OutputIntegration in_change_of_allowed_current_consumption InModeAnd_cevel F2.11 manageDMI_Output inModeAnd_cevel inModen_allowed_corrent_consumption InModeAnd_cevel InModeMand_cevel Indougration_system In_output inmodeAnd_cevel InModeMand_cevel InMod	getTIUStatusFromCommand	in_IsolationStatus
handleTraction mapModeToTractionCutOff TIU OutputIntegration TIU o	getTIUStatusFromCommand	in_brake_command
mapModeToTractionCutOff TIU OutputIntegration TIU_OutputIntegration TIII_OutputIntegration TIU_OutputIntegration TIU_OutputIntegrati	handleTraction	in_train_commands
TIU_OutputIntegration TIII_OutputIntegration TIII_OutputInteg	handleTraction	inModeLevel
TIU_OutputIntegration	mapModeToTractionCutOff	inModeLevel
TIU_OutputIntegration TIU_Teached Integration TIU_Teached Integration TIU_Teached Integration TIU_Teached Integration TIU_Teached Integration TIU_TrainStatus TIU_TrainS	TIU_OutputIntegration	in_IsolationStatus
TIU_OutputIntegration	TIU_OutputIntegration	SpeedSup_brakeCommand
TIU_OutputIntegration TITIO_OutputIntegration TIU_OutputIntegration TIU_OutputIntegratio	TIU_OutputIntegration	in_brake_inhibition
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TIU_OutputIntegration TIU_OutputIntegration TIU_OutputIntegration TIU_OutputIntegration F2.11 manageDMI_Output F2.	TIU_OutputIntegration	in_change_traction_system
TIU_OutputIntegration inModeAndLevel inNationalValues F2.11 manageDMI_Output inMovementAuthority F2.11 manageDMI_Output dmi_evc_coded_train_data F2.11 manageDMI_Output evc_systemVersion F2.11 manageDMI_Output dmi_eVc_levelList F2.11 manageDMI_Output dmi_EVC_levelList F2.11 manageDMI_Output dmi_EVC_radioNet F2.11 manageDMI_Output dmi_EVC_radioNet F2.11 manageDMI_Output dmi_evc_coded_train_data F2.11 manageDMI_Output dmi_evc_coded_train_data F2.11 manageDMI_Output dmi_trainRunningNumber F2.11 manageDMI_Output dmi_trainRunningNumber F2.11 manageDMI_Output dmi_adhesionFactor calcDistances1 inTrainPosition  collectDMIPackets1 dmi_dynamic collectDMIPackets1 dmi_evc_coded_train_data collectDMIPackets1 dmi_evc_coded_train_data collectDMIPackets1 dmi_trackDescription collectDMIPackets1 dmi_trackDescription collectDMIPackets1 dmi_text_message collectDMIPackets1 dmi_systemVersion collectDMIPackets1 dmi_systemVersion collectDMIPackets1 dmi_gystemVersion collectDMIPackets1 dmi_eVC_levelData collectDMIPackets1 dmi_eVC_levelData collectDMIPackets1 dmi_driverIdentifier collectDMIPackets1 dmi_driverIdentifier collectDMIPackets1 dmi_driverIdentifier	TIU_OutputIntegration	in_passenger_door_control_info
F2.11 manageDMI_Output inNationalValues F2.11 manageDMI_Output inMovementAuthority F2.11 manageDMI_Output dmi_evc_coded_train_data F2.11 manageDMI_Output evc_systemVersion F2.11 manageDMI_Output dmi_glayControl F2.11 manageDMI_Output dmi_EVC_levelList F2.11 manageDMI_Output dmi_EVC_radioNet F2.11 manageDMI_Output dmi_trainRunningNumber F2.11 manageDMI_Output dmi_trainRunningNumber F2.11 manageDMI_Output dmi_trainRunningNumber F2.11 manageDMI_Output dmi_trainRunningNumber F2.11 manageDMI_Output dmi_adhesionFactor calcDistances1 inTrainPosition collectDMIPackets1 TIU_TrainStatus collectDMIPackets1 dmi_menuRequest collectDMIPackets1 dmi_menuRequest collectDMIPackets1 dmi_evc_coded_train_data collectDMIPackets1 dmi_trackDescription collectDMIPackets1 dmi_identifierRequest collectDMIPackets1 dmi_identifierRequest collectDMIPackets1 dmi_systemVersion collectDMIPackets1 dmi_eVC_radioNet collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_trainRunningNumber	TIU_OutputIntegration	in_change_of_allowed_current_consumption
F2.11 manageDMI_Output inMovementAuthority F2.11 manageDMI_Output dmi_evc_coded_train_data F2.11 manageDMI_Output evc_systemVersion F2.11 manageDMI_Output dmi_stylayControl F2.11 manageDMI_Output dmi_EVC_levelList F2.11 manageDMI_Output dmi_EVC_radioNet F2.11 manageDMI_Output dmi_driverIdentifier F2.11 manageDMI_Output dmi_adhesionFactor F2.11 manageDMI_Output dmi_adhesionFactor F2.11 manageDMI_Output dmi_adhesionFactor CalcDistances1 inTrainPosition CollectDMIPackets1 TIU_TrainStatus CollectDMIPackets1 dmi_entryRequest CollectDMIPackets1 dmi_entryRequest CollectDMIPackets1 dmi_entryRequest CollectDMIPackets1 dmi_evc_coded_train_data CollectDMIPackets1 dmi_trackDescription CollectDMIPackets1 dmi_identifierRequest CollectDMIPackets1 dmi_identifierRequest CollectDMIPackets1 dmi_systemVersion CollectDMIPackets1 dmi_EVC_radioNet CollectDMIPackets1 dmi_EVC_radioNet CollectDMIPackets1 dmi_EVC_levelData CollectDMIPackets1 dmi_EVC_radioNet CollectDMIPackets1 dmi_trainRunningNumber	TIU_OutputIntegration	inModeAndLevel
F2.11 manageDMI_Output evc_systemVersion F2.11 manageDMI_Output evc_systemVersion F2.11 manageDMI_Output dmi_displayControl F2.11 manageDMI_Output dmi_EVC_levelList F2.11 manageDMI_Output dmi_EVC_radioNet F2.11 manageDMI_Output dmi_evc_radioNet F2.11 manageDMI_Output dmi_evc_radioNet F2.11 manageDMI_Output dmi_trainRunningNumber F2.11 manageDMI_Output dmi_adhesionFactor calcDistances1 inTrainPosition collectDMIPackets1 dmi_dynamic collectDMIPackets1 dmi_entryRequest collectDMIPackets1 dmi_entryRequest collectDMIPackets1 dmi_evc_coded_train_data collectDMIPackets1 dmi_text_message collectDMIPackets1	F2.11 manageDMI_Output	inNationalValues
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F2.11 manageDMI_Output dmi_EVC_levelList F2.11 manageDMI_Output dmi_EVC_radioNet F2.11 manageDMI_Output dmi_driverIdentifier F2.11 manageDMI_Output dmi_trainRunningNumber F2.11 manageDMI_Output dmi_adhesionFactor calcDistances1 inTrainPosition collectDMIPackets1 TIU_TrainStatus collectDMIPackets1 dmi_dynamic collectDMIPackets1 dmi_entryRequest collectDMIPackets1 dmi_entryRequest collectDMIPackets1 dmi_evc_coded_train_data collectDMIPackets1 dmi_trackDescription collectDMIPackets1 dmi_identifierRequest collectDMIPackets1 dmi_systemVersion collectDMIPackets1 dmi_displayControl collectDMIPackets1 dmi_EVC_levelData collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_fierRequest collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_fierRequest collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_fierRequest collectDMIPackets1 dmi_EVC_radioNet collectDMIPackets1 dmi_fierRequiredifier collectDMIPackets1 dmi_fierInqunningNumber	F2.11 manageDMI_Output	evc_systemVersion
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	collectDMIPackets1	dmi_driverIdentifier
11	collectDMIPackets1	dmi_trainRunningNumber
collectDMIPackets1 dmi_trainData	collectDMIPackets1	dmi_trainData
collectDMIPackets1 dmi_adhesionFactor	collectDMIPackets1	dmi_adhesionFactor

collectDMIPackets1       dmi_iconRequest         collectDMIPackets1       systemTime         convert_cm_s_km_h1       cm_s         copyGradientElement1       index         copyGradientElement1       fromTrackAtlas         copySpeedProfileElement1       fromTrackAtlas         copySpeedProfileElement1       fromTrackAtlas         copyTrackDescription1       fromTrackAtlas         copyTrackDescription1       inSystemTime         cyclicReportToDMI1       incurrentDMIStatus         cyclicReportToDMI1       inSystemTime         cyclicReportToDMI1       inOdometry         cyclicReportToDMI1       inOdometry         cyclicReportToDMI1       inTrainPosition	
convert_cm_s_km_h1       cm_s         copyGradientElement1       index         copyGradientElement1       fromTrackAtlas         copySpeedProfileElement1       index         copySpeedProfileElement1       fromTrackAtlas         copyTrackDescription1       fromTrackAtlas         copyTrackDescription1       inSystemTime         cyclicReportToDMl1       incurrentDMlStatus         cyclicReportToDMl1       inSystemTime         cyclicReportToDMl1       inOdometry	
copyGradientElement1       index         copyGradientElement1       fromTrackAtlas         copySpeedProfileElement1       index         copySpeedProfileElement1       fromTrackAtlas         copyTrackDescription1       fromTrackAtlas         copyTrackDescription1       inSystemTime         cyclicReportToDMl1       inCurrentDMlStatus         cyclicReportToDMl1       inSystemTime         cyclicReportToDMl1       inOdometry	
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copySpeedProfileElement1       index         copySpeedProfileElement1       fromTrackAtlas         copyTrackDescription1       fromTrackAtlas         copyTrackDescription1       inSystemTime         cyclicReportToDMI1       inCurrentDMIStatus         cyclicReportToDMI1       inSystemTime         cyclicReportToDMI1       inOdometry	
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cyclicReportToDMI1 inSpeedSupervision	
cyclicReportToDMI1 inModeAndLevel	
cyclicReportToDMI1 inNationalValues	
cyclicReportToDMI1 inMovementAuthority	
cyclicReportToDMI1 inMoRC_status	
cyclicReportToDMI1 inNTC	
doEntryRequest1 dmi_entryRequest	
doEntryRequest1 inSystemTime	
doldentifierRequest1 TIU_TrainStatus	
doldentifierRequest1 inSystemTime	
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isSendingNeeded1 inSystemTime	
isSendingNeeded1 incurrentDMIStatus	
mapEntryForLevel1 dmi_entryRequest	
mapMoRCtoRadio_CS1 inMoRC_status	
sendBrakesToDMI1 brakeCommand	
sendBrakesToDMI1 inSystemTime	
sendDynamic1 inSystemTime	
sendDynamic1 inOdometry	
sendDynamic1 inTrainPosition	
sendDynamic1 inSpeedSupervision	
sendDynamic1 inModeAndLevel	
sendDynamic1 inNationalValues	
sendDynamic1 inMoRC_status	
sendDynamic1 inMovementAuthority	
sendDynamic1 inNTC	
sendLevelListPkg1 levelList	

sendLevelListPkg1 sendTrainData1	inSystemTime inSystemTime trainDataFromEVC ownVersion
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sendTrainData1	trainDataFromEVC ownVersion
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sendVersion1	
	-l: Ot - t
sendVersion1	dmiStatus
sendVersion1	inSystemTime
synchWithDMI1 d	dmi_identifierRequest
synchWithDMI1	TIU_TrainStatus
synchWithDMI1	outputStatus
synchWithDMI1	systemTime
F2.3 trainData	MessageBus
F2.3 trainData	inVersion
trainDataStorage	actualStatus
sendAcknowledgementRBC	actualStatus
sendAcknowledgementRBC	inVersion
checkRadioMessages	actualStatus
sendValidTrainDataRBC	actualStatus
sendValidTrainDataRBC	inVersion
F2.6 calculateTrainPosition	passedBG
linkedBG_missed	position
linkedBG_missed	BGs_in
linkedBG_missed	enable
twoConsecutiveLinkedBGs_missed	missed
twoConsecutiveLinkedBGs_missed	missedLinkedBG
twoConsecutiveLinkedBGs_missed	passedBG
twoConsecutiveLinkedBGs_missed	reset
addAnnouncedBGs	passedBG
addAnnouncedBGs	BGs_in
addAnnouncedBGs	trainProperties
calculateBGLocations	passedBG
calculateBGLocations	lastBGs
calculateBGLocations	reset
calculateBGLocations	trainProperties
calculateTrainpositionAttributes	trainPositionInfo
calculateTrainpositionAttributes	currentOdometry
calculateTrainpositionAttributes	trainProperties
calculateTrainPositionInfo	currentOdometry
calculateTrainPositionInfo	BGs
calculateTrainPositionInfo	recalculateBGs

	Port Port
calculateTrainPositionInfo	passedBG
calculateTrainPositionInfo	reset
delDispensableBGs	BGs_in
delDispensableBGs	deleteBG
msg_2_passedBG	msgFromTrack
F2.5 ManageLevelAndMode	Data_From_Speed_and_Supervision
F2.5 ManageLevelAndMode	MemorizedLevelIn
Input	Data_From_DMI
Input	Data_From_TIU
Input	Data_From_Track_Messages
Input	Data_From_Track_Packets
Input	Data_From_STM
Input	Data_From_Localisation
Input	Data_From_Speed_and_Supervision
Input	Data_From_F2_Functions
Input	Cab_In
Input	driver_level_transition_In
Input	ERTMS_capabilities_In
Input	startOfMissionEnded
Input	Data_From_Track_MASSPGradient
ManageLevels	trainStandstill
ManageLevels	driverLevelTransition
ManageLevels	levelAck
ManageLevels	trainPosition
ManageLevels	ERTMScapabilities
ManageLevels	DataFromTrackToLevel
ManageLevels	MemorizedLevelIn
CheckLevelAndMode	Level
CheckLevelAndMode	Mode
ManageModes	Current_Level
ManageModes	Cab
ManageModes	Data_From_DMI
ManageModes	Data_From_F2_Functions
ManageModes	Data_From_Localisation
ManageModes	Data_From_Speed_and_Supervision
ManageModes	Data_From_STM
ManageModes	Data_From_TIU
ManageModes	Data_From_Track
ManageModes	TripModeFromLevel
Output	next_level

Owner	Port
Output	TripTrain
Output	previous_level
Output	needsAckFromDriver
Output	announce_driver_selection
Output	service_brake_from_level
Output	LevelsTransitionPositionPassed
Output	currentMode
Output	EB_Requested_From_Mode
Output	Service_Brake_Command_From_Mode
Output	Data_To_DMI_From_Mode
Output	Data_To_BG_Management_From_Mode
Output	Level_Mode_Compatible
TrackAtlasETCS	MessageIn
TrackAtlasETCS	ModeAndLevel_in
TrackAtlasETCS	TrainData_in
TrackAtlasETCS	TrainPositionIn
TrackAtlasETCS	train_length
TrackAtlasETCS	SystemTime
TrackAtlasETCS	preindicationLocation
TrackAtlasETCS	odometry
TrackAtlasETCS	fromDriverToMA_R
TrackAtlasETCS	trainProps
TrackAtlasETCS	packet0
TrackAtlasETCS	packet1
TrackAtlasETCS	t_train
TrackAtlasETCS	bus_in
TrackAtlasETCS	P203V1_onboard
TrackAtlasETCS	PermanentDataP003
F2.9 MoRC_Main	currentTime
F2.9 MoRC_Main	mode
F2.9 MoRC_Main	level
F2.9 MoRC_Main	obuEventsAndPhases
F2.9 MoRC_Main	radioNetworkIDs
F2.9 MoRC_Main	statusOfMobile
F2.9 MoRC_Main	inMessage_new
F2.9 MoRC_Main	t_train
F2.9 MoRC_Main	t_train_global
F2.9 MoRC_Main	msgBus_in
F2.9 MoRC_Main	connectionStatusTimerInterval
F2.9 MoRC_Main	nid_engine

F2.9 MoRC_Main onboardPhoneNumbers b F2.9 MoRC_Main onboardPhoneNumbers_b F2.9 MoRC_Main m_version Driver Input1 ManageLevelAndMode Data From_DMI ManageLevelAndMode Data From_TIU ManageLevelAndMode Data From_Tive Reckets ManageLevelAndMode Data From_Speed and Supervision ManageLevelAndMode Data From_Speed and Supervision ManageLevelAndMode Gata From_Speed and Supervision ManageLevelAndMode Grab Gata From_Speed Gata Gata Gata Gata Gata Gata Gata Gat	Owner	Port
F2.9 MoRC_Main Driver Input1 ManageLevelAndMode Data_From_DMI ManageLevelAndMode Data_From_Localisation ManageLevelAndMode Data_From_TIU ManageLevelAndMode Data_From_Track_Messages ManageLevelAndMode Data_From_Track_Packets ManageLevelAndMode Data_From_Track_Packets ManageLevelAndMode Data_From_Speed_and_Supervision Cab_In ManageLevelAndMode Cab_In ManageLevelAndMode Griver_level_transition_In ERTMS_capabilities_In ManageLevelAndMode Data_From_F2_Functions ManageLevelAndMode Data_From_F2_Functions ManageLevelAndMode Data_From_DMI Data_From_DMI Input Data_From_DMI Input Data_From_TIU Data_From_TIU Data_From_Track_Messages Input Data_From_Track_Messages Input Data_From_Track_Destats Input Data_From_Calisation Input Data_From_Calisation Input Data_From_Calisation Input Data_From_SEM_AndMode Data_From_DAMI Data_From_Calisation Input Data_From_Calisation Input Data_From_Calisation Input Data_From_Seed_and_Supervision Input Data_From_Seed_and_Supervision Input Data_From_Seed_and_Supervision Data_From_F2_Functions Input Data_From_Seed_and_Supervision Data_From_Seed_and_Supervision Data_From_DCalisation Input Data_From_Seed_and_Supervision Data_From_F2_Functions Input Data_From_Seed_and_Supervision Data_From_Track_MASSPGradeint Track_MASSPGradeint Track_MASSPGradeint Translandstill ManageLevels Data_From_Track_MASSPGradeint Translandstill ManageLevels GriverLevelTransition ManageLevels ERTMS_capabilities DataFromTrack_Tol.evel ManageLevels ManageLevels DataFromTrack_Develln ManageLevels ManageLev	F2.9 MoRC_Main	onboardPhoneNumbers
Driver  ManageLevelAndMode  ManageLevelAndMode	F2.9 MoRC_Main	onboardPhoneNumbers_b
ManageLevelAndMode ManageLevelAndMode Data_From_Localisation ManageLevelAndMode Data_From_Localisation  ManageLevelAndMode Data_From_Track_Messages ManageLevelAndMode Data_From_Track_Messages ManageLevelAndMode Data_From_Track_Packets ManageLevelAndMode Data_From_Speed_and_Supervision ManageLevelAndMode ManageLevelAndMode ManageLevelAndMode ManageLevelAndMode ManageLevelAndMode ManageLevelAndMode ManageLevelAndMode Data_From_Track_MassPGradient ManageLevelAndMode Data_From_STM ManageLevelAndMode MemorizedLevelIn Input Data_From_DMI Input Data_From_Till Input Data_From_Till Input Data_From_Track_Messages Input Data_From_Track_Messages Data_From_Track_Packets Input Data_From_STM Data_From_STM Data_From_STM Data_From_Track_Packets Input Data_From_STM Data_From_Track_Packets Input Data_From_Stm_Localisation Data_From_Seed_and_Supervision Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Cab_In Input Data_From_F2_Functions Cab_In Input Data_From_F2_Functions Input Data_From_F2_Functions Cab_In Input Data_From_F2_Function Cab_In Input Data_From_F2_Functions Cab_In Input Data_From_F2	F2.9 MoRC_Main	m_version
ManageLevelAndMode         Data_From_Localisation           ManageLevelAndMode         Data_From_TITU           ManageLevelAndMode         Data_From_Track_Messages           ManageLevelAndMode         Data_From_Track_Packets           ManageLevelAndMode         Data_From_Speed_and_Supervision           ManageLevelAndMode         Cab_In           ManageLevelAndMode         ERTMS_capabilities_In           ManageLevelAndMode         Data_from_Track_MASSPGradient           ManageLevelAndMode         Data_from_Track_MASSPGradient           ManageLevelAndMode         Data_From_F2_Functions           ManageLevelAndMode         Data_From_STM           ManageLevelAndMode         MemorizedLevelIn           Input         Data_From_DMI           Input         Data_From_Track_Messages           Input         Data_From_Track_Messages           Input         Data_From_Track_Messages           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_Track_Messages           Input         Data_From_Track_Messages           Input         Data_From_F2_Functions           Input         Data_From_F2_Functions           Input         Cab_In           Input <td>Driver</td> <td>Input1</td>	Driver	Input1
ManageLevelAndMode         Data_From_TIU           ManageLevelAndMode         Data_From_Track_Messages           ManageLevelAndMode         Data_From_Track_Packets           ManageLevelAndMode         Data_From_Speed_and_Supervision           ManageLevelAndMode         Cab_In           ManageLevelAndMode         ERTMS_capabilities_In           ManageLevelAndMode         Data_From_Track_MASSPGradient           ManageLevelAndMode         Data_From_F2_Functions           ManageLevelAndMode         Data_From_STM           ManageLevelAndMode         MemorizedLevelin           Input         Data_From_TIU           Input         Data_From_TIU           Input         Data_From_Track_Messages           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_StM           Input         Data_From_Track_Messages           Input         Data_From_StM           Input         Cab_In           Input         driver_Level_transition_In <t< td=""><td>ManageLevelAndMode</td><td>Data_From_DMI</td></t<>	ManageLevelAndMode	Data_From_DMI
ManageLevelAndMode ManageLevelS	ManageLevelAndMode	Data_From_Localisation
ManageLevelAndMode         Data_From_Track_Packets           ManageLevelAndMode         Data_From_Speed_and_Supervision           ManageLevelAndMode         Cab_In           ManageLevelAndMode         driver_level_transition_In           ManageLevelAndMode         ERTMS_capabilities_In           ManageLevelAndMode         Data_from_Track_MASSPGradient           ManageLevelAndMode         Data_From_F2_Functions           ManageLevelAndMode         Data_From_STM           ManageLevelAndMode         MemorizedLevelIn           Input         Data_From_DMI           Input         Data_From_TIM           Input         Data_From_TIV           Input         Data_From_Track_Resages           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_STM           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_Tow_Fackets           Input         Data_From_Tow_Fackets           Input         Data_From_Tow_Fackets           Input         Griver_Level_transition_In           Input         Bata_From_Track_MASSPGradient	ManageLevelAndMode	Data_From_TIU
ManageLevelAndMode         Data_From_Speed_and_Supervision           ManageLevelAndMode         Cab_In           ManageLevelAndMode         driver_level_transition_In           ManageLevelAndMode         ERTMS_capabilities_In           ManageLevelAndMode         Data_from_Track_MASSPGradient           ManageLevelAndMode         Data_From_STM           ManageLevelAndMode         MemorizedLevelIn           Input         Data_From_TM           ManageLevelAndMode         MemorizedLevelIn           Input         Data_From_DMI           Input         Data_From_DMI           Input         Data_From_Tack_Messages           Input         Data_From_Track_Messages           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_Track_Packets           Input         Data_From_Speed_and_Supervision           Input         Data_From_Speed_and_Supervision           Input         Data_From_Speed_and_Supervision           Input         Data_From_F2_Functions           Input         Cab_In           Input         ERTMS_capabilities_In           Input         ERTMS_capabilities_In           Input         Bata_From_Track_MASSPGradient </td <td>ManageLevelAndMode</td> <td>Data_From_Track_Messages</td>	ManageLevelAndMode	Data_From_Track_Messages
ManageLevelAndMode driver_level_transition_In ManageLevelAndMode ERTMS_capabilities_In ManageLevelAndMode Data_from_Track_MASSPGradient ManageLevelAndMode Data_From_F2_Functions ManageLevelAndMode Data_From_STM ManageLevelAndMode Data_From_STM ManageLevelAndMode MemorizedLevelIn Input Data_From_DMI Input Data_From_TIU Input Data_From_Track_Massages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_STM Input Data_From_STM Input Data_From_Localisation Input Data_From_Localisation Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Cab_In Input driver_level_transition_In Input BERTMS_capabilities_In Input Data_From_Track_MASSPGradient ManageLevels TrainStandstill ManageLevels driverLevelTransition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFrom_Track_masspecture ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFrom_Track_ToLevel ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelin Level	ManageLevelAndMode	Data_From_Track_Packets
ManageLevelAndMode       driver_level_transition_In         ManageLevelAndMode       ERTMS_capabilities_In         ManageLevelAndMode       Data_from_Track_MASSPGradient         ManageLevelAndMode       Data_From_STM         ManageLevelAndMode       Data_From_STM         ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_DMI         Input       Data_From_Track_Messages         Input       Data_From_Track_Messages         Input       Data_From_Track_Messages         Input       Data_From_STM         Input       Data_From_STM         Input       Data_From_STM         Input       Data_From_Steed_and_Supervision         Input       Data_From_Speed_and_Supervision         Input       Data_From_Speed_and_Supervision         Input       Data_From_Speed_and_Supervision         Input       Cab_In         Input       Cab_In         Input       Grap_Interpretation         Input       ERTMS_capabilities_In         Input       StartOfMissionEnded         Input       Data_From_Track_MASSPGradient         ManageLevels       driver_LevelTransition         ManageLevels       d	ManageLevelAndMode	Data_From_Speed_and_Supervision
ManageLevelAndMode       ERTMS_capabilities_In         ManageLevelAndMode       Data_from_Track_MASSPGradient         ManageLevelAndMode       Data_From_F2_Functions         ManageLevelAndMode       Data_From_STM         ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_DMI         Input       Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_STM         Input       Data_From_Localisation         Input       Data_From_Speed_and_Supervision         Input       Data_From_Speed_and_Supervision         Input       Data_From_Speed_and_Supervision         Input       Cab_In         Input       Cab_In         Input       Grap-From_F2_Functions         Input       ERTMS_capabilities_In         Input       ERTMS_capabilities_In         Input       StartOffMissionEnded         Input       Data_From_Track_MASSPGradient         ManageLevels       IevelAck         ManageLevels       driverLevelTransition         ManageLevels       ERTMScapabilities         ManageLevels       Data_From_Track	ManageLevelAndMode	Cab_In
ManageLevelAndMode       Data_from_Track_MASSPGradient         ManageLevelAndMode       Data_From_F2_Functions         ManageLevelAndMode       Data_From_STM         ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_DMI         Input       Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Somed_and_Supervision         Input       Data_From_Speed_and_Supervision         Input       Data_From_F2_Functions         Input       Cab_In         Input       driver_level_transition_In         Input       ERTMS_capabilities_In         Input       startOfMissionEnded         Input       Data_From_Track_MASSPGradient         ManageLevels       trainStandstill         ManageLevels       driver_levelTransition         ManageLevels       ERTMScapabilities         ManageLevels       ERTMScapabilities         ManageLevels       DataFromTrackTol_evel         ManageLevels       MemorizedLevelIn         CheckLevelAndMode       Level	ManageLevelAndMode	driver_level_transition_In
ManageLevelAndMode       Data_From_F2_Functions         ManageLevelAndMode       Data_From_STM         ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_TIU         Input       Data_From_TTack_Messages         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Stom_Cocalisation         Input       Data_From_Speed_and_Supervision         Input       Data_From_F2_Functions         Input       Data_From_F2_Functions         Input       Cab_In         Input       driver_level_transition_In         Input       ERTMS_capabilities_In         Input       startOfMissionEnded         Input       Data_From_Track_MASSPGradient         ManageLevels       trainStandstill         ManageLevels       driver_LevelTransition         ManageLevels       ERTMS_capabilities         ManageLevels       ERTMS_capabilities         ManageLevels       DataFromTrackToLevel         ManageLevels       MemorizedLevelIn         CheckLevelAndMode       Level	ManageLevelAndMode	ERTMS_capabilities_In
ManageLevelAndMode       Data_From_STM         ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_Track         Input       Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Localisation         Input       Data_From_Speed_and_Supervision         Input       Data_From_F2_Functions         Cab_In       Cab_In         Input       driver_level_transition_In         Input       ERTMS_capabilities_In         Input       startOfMissionEnded         Input       Data_From_Track_MASSPGradient         ManageLevels       trainStandstill         ManageLevels       driverLevelTransition         ManageLevels       ERTMScapabilities         ManageLevels       ERTMScapabilities         ManageLevels       DataFromTrackToLevel         ManageLevels       MemorizedLevelIn         CheckLevelAndMode       Level	ManageLevelAndMode	Data_from_Track_MASSPGradient
ManageLevelAndMode MemorizedLevelIn  Input Data_From_DMI  Input Data_From_TIU  Input Data_From_Track_Messages  Input Data_From_Track_Packets  Input Data_From_STM  Input Data_From_Localisation  Input Data_From_Speed_and_Supervision  Input Data_From_F2_Functions  Input Cab_In  Input driver_level_transition_In  Input ERTMS_capabilities_In  Input Data_From_Track_MASSPGradient  ManageLevels driverLevelTransition  ManageLevels trainStandstill  ManageLevels driverLevelTransition  ManageLevels ERTMScapabilities  ManageLevels ERTMScapabilities  ManageLevels DataFrom_Track_MASSPGradient  TrainPosition  ManageLevels GRTMScapabilities  ManageLevels ERTMScapabilities  ManageLevels DataFromTrackToLevel  ManageLevels DataFromTrackToLevel  ManageLevels MemorizedLevelIn  CheckLevelAndMode	ManageLevelAndMode	Data_From_F2_Functions
Input	ManageLevelAndMode	Data_From_STM
Input	ManageLevelAndMode	MemorizedLevelIn
Input Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Cab_In Input Griver_level_transition_In Input BRTMS_capabilities_In Input BtartOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels DataFromTrackToLevel ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode	Input	Data_From_DMI
Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Cab_In Input driver_level_transition_In Input ERTMS_capabilities_In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels driverLevelTransition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels DataFromTrackToLevel ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode	Input	Data_From_TIU
Input Data_From_STM Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Cab_In Input driver_level_transition_In Input ERTMS_capabilities_In Input startOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driver_LevelTransition ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFrom_Track_Data_From_Tr	Input	Data_From_Track_Messages
Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Cab_In Input Griver_level_transition_In Input ERTMS_capabilities_In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels IevelAck ManageLevels driverLevelTransition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels Level ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels Level ManageLevels DataFromTrackToLevel ManageLevels Level	Input	Data_From_Track_Packets
Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Cab_In Input driver_level_transition_In Input ERTMS_capabilities_In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels levelAck ManageLevels driverLevelTransition ManageLevels ERTMScapabilities ManageLevels DataFrom_Track_Massed ManageLevels ERTMScapabilities ManageLevels Level ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode	Input	Data_From_STM
Input Cab_In  Input Cab_In  Input driver_level_transition_In  Input ERTMS_capabilities_In  Input startOfMissionEnded  Input Data_From_Track_MASSPGradient  ManageLevels trainStandstill  ManageLevels driver_LevelTransition  ManageLevels trainPosition  ManageLevels ERTMS_capabilities  ManageLevels driver_LevelTransition  ManageLevels ERTMS_capabilities  ManageLevels DataFromTrackToLevel  ManageLevels MemorizedLevelIn  CheckLevelAndMode Level	Input	Data_From_Localisation
Input Cab_In Input driver_level_transition_In Input ERTMS_capabilities_In Input startOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level	Input	Data_From_Speed_and_Supervision
Input driver_level_transition_In Input ERTMS_capabilities_In Input startOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels levelAck ManageLevels driverLevelTransition ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level	Input	Data_From_F2_Functions
Input StartOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels Level	Input	Cab_In
Input StartOfMissionEnded Input Data_From_Track_MASSPGradient  ManageLevels trainStandstill  ManageLevels driverLevelTransition  ManageLevels trainPosition  ManageLevels ERTMScapabilities  ManageLevels DataFromTrackToLevel  ManageLevels MemorizedLevelIn  CheckLevelAndMode Level	Input	driver_level_transition_In
Input Data_From_Track_MASSPGradient  ManageLevels trainStandstill  ManageLevels levelAck  ManageLevels driverLevelTransition  ManageLevels trainPosition  ManageLevels ERTMScapabilities  ManageLevels DataFromTrackToLevel  ManageLevels MemorizedLevelIn  CheckLevelAndMode Level	Input	ERTMS_capabilities_In
ManageLevelstrainStandstillManageLevelslevelAckManageLevelsdriverLevelTransitionManageLevelstrainPositionManageLevelsERTMScapabilitiesManageLevelsDataFromTrackToLevelManageLevelsMemorizedLevelInCheckLevelAndModeLevel	Input	startOfMissionEnded
ManageLevels levelAck ManageLevels driverLevelTransition ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level	Input	Data_From_Track_MASSPGradient
ManageLevels       driverLevelTransition         ManageLevels       trainPosition         ManageLevels       ERTMScapabilities         ManageLevels       DataFromTrackToLevel         ManageLevels       MemorizedLevelIn         CheckLevelAndMode       Level	ManageLevels	trainStandstill
ManageLevels     trainPosition       ManageLevels     ERTMScapabilities       ManageLevels     DataFromTrackToLevel       ManageLevels     MemorizedLevelIn       CheckLevelAndMode     Level	ManageLevels	levelAck
ManageLevels     ERTMScapabilities       ManageLevels     DataFromTrackToLevel       ManageLevels     MemorizedLevelIn       CheckLevelAndMode     Level	ManageLevels	driverLevelTransition
ManageLevels     DataFromTrackToLevel       ManageLevels     MemorizedLevelIn       CheckLevelAndMode     Level	ManageLevels	trainPosition
ManageLevels MemorizedLevelIn CheckLevelAndMode Level	ManageLevels	ERTMScapabilities
CheckLevelAndMode Level	ManageLevels	DataFromTrackToLevel
	ManageLevels	MemorizedLevelIn
CheckLevelAndMode Mode	CheckLevelAndMode	Level
	CheckLevelAndMode	Mode
ManageModes Current_Level	ManageModes	Current_Level

Owner	Port
ManageModes	Cab
ManageModes	Data_From_DMI
ManageModes	Data_From_F2_Functions
ManageModes	Data_From_Localisation
ManageModes	Data_From_Speed_and_Supervision
ManageModes	Data_From_STM
ManageModes	Data_From_TIU
ManageModes	Data_From_Track
ManageModes	TripModeFromLevel
Output	needsAckFromDriver
Output	service_brake_from_level
Output	LevelsTransitionPositionPassed
Output	EB_Requested_From_Mode
Output	Service_Brake_Command_From_Mode
Output	Level_Mode_Compatible
Output	next_level
Output	TripTrain
Output	previous_level
Output	MemorizedLevelIn
Output	announce_driver_selection
Output	currentMode
Output	Data_To_DMI_From_Mode
Output	Data_To_BG_Management_From_Mode
ETCS OBU	RBCBTMIn
ETCS OBU	OdometryIn
ETCS OBU	Input1
ETCS OBU	DriverIn
ETCS OBU	RBCIN
ETCS OBU	TrainIn
F2 ETCS Kernel	EVC_reset
F2 ETCS Kernel	API_SystemTime
F2.1 Manage_TrackSideInformation_Integration	fullChecks
F2.1 Manage_TrackSideInformation_Integration	lastRelevantEventTimestamp
CheckBGConsistency	storedBGs
CheckBGConsistency	mMode
CheckBGConsistency	q_nvlocacc
CaseLinkingInUse1	storedBGs
CaseLinkingInUse1	q_nvlocacc
CaseLinkingNotInUse1	q_nvlocacc
InformationFilter	inLevel

Owner	Port
InformationFilter	inModus
InformationFilter	inSupervisingDevice
InformationFilter	inPendingL1Transition
InformationFilter	inPendingL2L3Transition
InformationFilter	inPendingAckOfTrainDataFromRBC
InformationFilter	inEmergencyStopAccepted
InformationFilter	inLastAckTextMessageId
InformationFilter	inPendingNTCTransition
validateDataDirection	inLRBG
validateDataDirection	inPositionedBGs
validateDataDirection	trainPosition
CheckEuroRadioMessage	tNvContact
CheckEuroRadioMessage	lastRelevantEventTimestamp
CheckEuroRadioMessage	connectionStatus
CheckEuroRadioMessage	activateCheck
F2.10 manageDMI_Input	lasttNTC
changeLevelByDiver1	levelData
changeLevelByDiver1	lasttNTC
doDriverRequests1	inDriverRequest
receiveRequestsModesAndLevel1	fromDMI_driverRequest
receiveRequestsModesAndLevel1	fromDMI_Icon_Ack
receiveRequestsModesAndLevel1	fromDMI_TextMsg_Ack
receiveRequestsModesAndLevel1	inSystemTime
receiveRequestsModesAndLevel1	inStatusList
triggerForMA1	fromDMI_driverRequest
updateDMIStatus1	oldStatus
updateDMIStatus1	fromDMI
updateDMIStatus1	sndValidationRequested
getTIUStatusFromData	inTIUActualData
mergeTIU_Info	newInfo
mergeTIU_Info	storedInfo
mergeTIU_Info	EVC_trainData
selectTrainData	newTIUTrainData
selectTrainData	EVC_trainData
F2.2 Manage_ETCS_Procedures	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
F2.2 Manage_ETCS_Procedures	statusRBCSessioneEstabilished_status_from_MoRC
SoM_NTC_SN	Status_Mode_Change_from_Level_and_Mode_Management
SoM_SR_FS_OS_LS_SH_SN_UN	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
SoM_SR_FS_OS_LS_SH_SN_UN	Status_Mode_Change_from_Level_and_Mode_Management
F2.9 MoRC_HO	atPowerUpRadioNetworkID

Owner	Port
F2.9 MoRC_HO	newRadioNetworkIDFromDriver
F2.9 MoRC_HO	mobileRegistrationContext_2
F2.9 MoRC_HO	mobileConnectionContext_2
F2.9 MoRC_HO	sessionManagementAbility
F2.9 MoRC_HO	configData
F2.9 MoRC_HO	onboardPhoneNumbers_b
F2.9 MoRC_HO	m_version
processHandingOver	mode
processHandingOver	morcStatus_1
processHandingOver	morcStatus_2
processHandingOver	dataFromTrack_in
processHandingOver	trainPosition
processHandingOver	BGs
processHandingOver	sessionManagementAbility
processHandingOver	trainProperties
MoRC_Main_v21	msg_in
MoRC_Main_v21	eventsAndPhases
MoRC_Main_v21	atPowerUpRadioNetworkID
MoRC_Main_v21	newRadioNetworkIDFromDriver
MoRC_Main_v21	mode
MoRC_Main_v21	level
MoRC_Main_v21	mobileRegistrationContext
MoRC_Main_v21	mobileConnectionContext
MoRC_Main_v21	currentTime
MoRC_Main_v21	reset
MoRC_Main_v21	t_train
MoRC_Main_v21	configData
MoRC_Main_v22	msg_in
MoRC_Main_v22	eventsAndPhases
MoRC_Main_v22	atPowerUpRadioNetworkID
MoRC_Main_v22	newRadioNetworkIDFromDriver
MoRC_Main_v22	mode
MoRC_Main_v22	level
MoRC_Main_v22	mobileRegistrationContext
MoRC_Main_v22	mobileConnectionContext
MoRC_Main_v22	currentTime
MoRC_Main_v22	reset
MoRC_Main_v22	t_train
MoRC_Main_v22	configData
mobileDataRouter_out	dataToRBC

mobileDataRouter_out mobileDataRouter_out mobileDataRouter_out	positionReport_in trainData_in
mobileDataRouter_out	
_	
machila Data Davita in aut	morcMsgToRBC_1
mobileDataRouter_out	morcMsgToRBC_2
mobileDataRouter_out	useInformationFromAcceptingRBC
mobileDataRouter_out	handingOverRBC_is_RBC_1
mobileDataRouter_out	sendPositionReport_2_acceptingRBC
mobileDataRouter_out	sendPositionReport_2_handingOverRBC
mobileDataRouter_out	sendPositionReport_2_RBC_1
mobileDataRouter_out	sendPositionReport_2_RBC_2
mobileDataRouter_out	sendTrainData_2_acceptingRBC
mobileDataRouter_out	sessionManagementAbility
Commands	trainLocations
F2.8 ProvidePositionReport	trackInfo
F2.8 ProvidePositionReport	RadioSafeRadioConnectionError
F2.8 ProvidePositionReport	SafetyCriticalFailure
F2.8 ProvidePositionReport	reportedBGs
F2.8 ProvidePositionReport	inVersion
F2.13 manageTIU_output	in_IsolationStatus
F2.13 manageTIU_output	in_brake_inhibition
F2.13 manageTIU_output	in_change_traction_system
F2.13 manageTIU_output	in_passenger_door_control_info
F2.13 manageTIU_output	in_change_of_allowed_current_consumption
bothBrakesActive	speedSupbrakeCommand
bothBrakesActive	levelBrakeCommand
getTIUStatusFromCommand	in_IsolationStatus
getTIUStatusFromCommand	in_brake_command
handleTraction	in_train_commands
handleTraction	inModeLevel
mapModeToTractionCutOff	inModeLevel
TIU_OutputIntegration	in_IsolationStatus
TIU_OutputIntegration	SpeedSup_brakeCommand
TIU_OutputIntegration	in_brake_inhibition
TIU_OutputIntegration	in_train_commands
TIU_OutputIntegration	in_change_traction_system
TIU_OutputIntegration	in_passenger_door_control_info
TIU_OutputIntegration	in_change_of_allowed_current_consumption
TIU_OutputIntegration	inModeAndLevel
F2.11 manageDMI_Output	inNationalValues
F2.11 manageDMI_Output	inMovementAuthority

Owner	Port
F2.11 manageDMI_Output	dmi_evc_coded_train_data
F2.11 manageDMI_Output	evc_systemVersion
F2.11 manageDMI_Output	dmi_displayControl
F2.11 manageDMI_Output	dmi_EVC_levelList
F2.11 manageDMI_Output	dmi_EVC_radioNet
F2.11 manageDMI_Output	dmi_driverIdentifier
F2.11 manageDMI_Output	dmi_trainRunningNumber
F2.11 manageDMI_Output	dmi_adhesionFactor
calcDistances1	inTrainPosition
collectDMIPackets1	TIU_TrainStatus
collectDMIPackets1	dmi_dynamic
collectDMIPackets1	dmi_menuRequest
collectDMIPackets1	dmi_entryRequest
collectDMIPackets1	dmi_evc_coded_train_data
collectDMIPackets1	dmi_text_message
collectDMIPackets1	dmi_trackDescription
collectDMIPackets1	dmi_identifierRequest
collectDMIPackets1	dmi_systemVersion
collectDMIPackets1	dmi_displayControl
collectDMIPackets1	dmi_EVC_levelData
collectDMIPackets1	dmi_EVC_radioNet
collectDMIPackets1	dmi_driverIdentifier
collectDMIPackets1	dmi_trainRunningNumber
collectDMIPackets1	dmi_trainData
collectDMIPackets1	dmi_adhesionFactor
collectDMIPackets1	dmi_iconRequest
collectDMIPackets1	systemTime
convert_cm_s_km_h1	cm_s
copyGradientElement1	index
copyGradientElement1	fromTrackAtlas
copySpeedProfileElement1	index
copySpeedProfileElement1	fromTrackAtlas
copyTrackDescription1	fromTrackAtlas
copyTrackDescription1	inSystemTime
cyclicReportToDMI1	incurrentDMIStatus
cyclicReportToDMI1	inSystemTime
cyclicReportToDMI1	inOdometry
cyclicReportToDMI1	inTrainPosition
cyclicReportToDMI1	inSpeedSupervision
cyclicReportToDMI1	inModeAndLevel

<b>Owner</b>	Port
cyclicReportToDMI1	inNationalValues
cyclicReportToDMI1	inMovementAuthority
cyclicReportToDMI1	inMoRC_status
cyclicReportToDMI1	inNTC
doEntryRequest1	dmi_entryRequest
doEntryRequest1	inSystemTime
doldentifierRequest1	TIU_TrainStatus
doldentifierRequest1	inSystemTime
doldentifierRequest1	ownVersion
isSendingNeeded1	inSystemTime
isSendingNeeded1	incurrentDMIStatus
mapEntryForLevel1	dmi_entryRequest
mapMoRCtoRadio_CS1	inMoRC_status
sendBrakesToDMI1	brakeCommand
sendBrakesToDMI1	inSystemTime
sendDynamic1	inSystemTime
sendDynamic1	inOdometry
sendDynamic1	inTrainPosition
sendDynamic1	inSpeedSupervision
sendDynamic1	inModeAndLevel
sendDynamic1	inNationalValues
sendDynamic1	inMoRC_status
sendDynamic1	inMovementAuthority
sendDynamic1	inNTC
sendLevelListPkg1	levelList
sendLevelListPkg1	UpdateLevelsRequested
sendLevelListPkg1	inSystemTime
sendTrainData1	inSystemTime
sendTrainData1	trainDataFromEVC
sendVersion1	ownVersion
sendVersion1	dmiStatus
sendVersion1	inSystemTime
synchWithDMI1	dmi_identifierRequest
synchWithDMI1	TIU_TrainStatus
synchWithDMI1	outputStatus
synchWithDMI1	systemTime
F2.3 trainData	MessageBus
F2.3 trainData	inVersion
trainDataStorage	actualStatus
sendAcknowledgementRBC	actualStatus

Owner	Port
sendAcknowledgementRBC	inVersion
checkRadioMessages	actualStatus
sendValidTrainDataRBC	actualStatus
sendValidTrainDataRBC	inVersion
F2.6 calculateTrainPosition	passedBG
linkedBG_missed	position
linkedBG_missed	BGs_in
linkedBG_missed	enable
twoConsecutiveLinkedBGs_missed	missed
twoConsecutiveLinkedBGs_missed	missedLinkedBG
twoConsecutiveLinkedBGs_missed	passedBG
twoConsecutiveLinkedBGs_missed	reset
addAnnouncedBGs	passedBG
addAnnouncedBGs	BGs_in
addAnnouncedBGs	trainProperties
calculateBGLocations	passedBG
calculateBGLocations	lastBGs
calculateBGLocations	reset
calculateBGLocations	trainProperties
calculateTrainpositionAttributes	trainPositionInfo
calculateTrainpositionAttributes	currentOdometry
calculateTrainpositionAttributes	trainProperties
calculateTrainPositionInfo	currentOdometry
calculateTrainPositionInfo	BGs
calculateTrainPositionInfo	recalculateBGs
calculateTrainPositionInfo	passedBG
calculateTrainPositionInfo	reset
delDispensableBGs	BGs_in
delDispensableBGs	deleteBG
msg_2_passedBG	msgFromTrack
F2.5 ManageLevelAndMode	Data_From_Speed_and_Supervision
F2.5 ManageLevelAndMode	MemorizedLevelIn
Input	Data_From_DMI
Input	Data_From_TIU
Input	Data_From_Track_Messages
Input	Data_From_Track_Packets
Input	Data_From_STM
Input	Data_From_Localisation
Input	Data_From_Speed_and_Supervision
Input	Data_From_F2_Functions

Owner	Port
Input	Cab_In
Input	driver_level_transition_In
Input	ERTMS_capabilities_In
Input	startOfMissionEnded
Input	Data_From_Track_MASSPGradient
ManageLevels	trainStandstill
ManageLevels	driverLevelTransition
ManageLevels	levelAck
ManageLevels	trainPosition
ManageLevels	ERTMScapabilities
ManageLevels	DataFromTrackToLevel
ManageLevels	MemorizedLevelIn
CheckLevelAndMode	Level
CheckLevelAndMode	Mode
ManageModes	Current_Level
ManageModes	Cab
ManageModes	Data_From_DMI
ManageModes	Data_From_F2_Functions
ManageModes	Data_From_Localisation
ManageModes	Data_From_Speed_and_Supervision
ManageModes	Data_From_STM
ManageModes	Data_From_TIU
ManageModes	Data_From_Track
ManageModes	TripModeFromLevel
Output	next_level
Output	TripTrain
Output	previous_level
Output	needsAckFromDriver
Output	announce_driver_selection
Output	service_brake_from_level
Output	LevelsTransitionPositionPassed
Output	currentMode
Output	EB_Requested_From_Mode
Output	Service_Brake_Command_From_Mode
Output	Data_To_DMI_From_Mode
Output	Data_To_BG_Management_From_Mode
Output	Level_Mode_Compatible
TrackAtlasETCS	MessageIn
TrackAtlasETCS	ModeAndLevel_in
TrackAtlasETCS	TrainData_in

Owner	Port
TrackAtlasETCS	TrainPositionIn
TrackAtlasETCS	train_length
TrackAtlasETCS	SystemTime
TrackAtlasETCS	preindicationLocation
TrackAtlasETCS	odometry
TrackAtlasETCS	fromDriverToMA_R
TrackAtlasETCS	trainProps
TrackAtlasETCS	packet0
TrackAtlasETCS	packet1
TrackAtlasETCS	t_train
TrackAtlasETCS	bus_in
TrackAtlasETCS	P203V1_onboard
TrackAtlasETCS	PermanentDataP003
F2.9 MoRC_Main	currentTime
F2.9 MoRC_Main	mode
F2.9 MoRC_Main	level
F2.9 MoRC_Main	obuEventsAndPhases
F2.9 MoRC_Main	radioNetworkIDs
F2.9 MoRC_Main	statusOfMobile
F2.9 MoRC_Main	inMessage_new
F2.9 MoRC_Main	t_train
F2.9 MoRC_Main	t_train_global
F2.9 MoRC_Main	msgBus_in
F2.9 MoRC_Main	connectionStatusTimerInterval
F2.9 MoRC_Main	nid_engine
F2.9 MoRC_Main	onboardPhoneNumbers
F2.9 MoRC_Main	onboardPhoneNumbers_b
F2.9 MoRC_Main	m_version
Driver	Input1
MoRC_HO	mode
MoRC_HO	level
MoRC_HO	eventsAndPhases
MoRC_HO	atPowerUpRadioNetworkID
MoRC_HO	newRadioNetworkIDFromDriver
MoRC_HO	mobileRegistrationContext_1
MoRC_HO	mobileRegistrationContext_2
MoRC_HO	mobileConnectionContext_1
MoRC_HO	mobileConnectionContext_2
MoRC_HO	dataFromTrack_in
MoRC_HO	msgBusToRBC_in

Owner	Port
MoRC_HO	trainPosition
MoRC_HO	BGs
MoRC_HO	t_train
MoRC_HO	t_train_global
MoRC_HO	currentTime
MoRC_HO	reset
MoRC_HO	sessionManagementAbility
MoRC_HO	trainProperties
MoRC_HO	configData
MoRC_HO	onboardPhoneNumbers_b
MoRC_HO	m_version
processHandingOver	mode
processHandingOver	morcStatus_1
processHandingOver	morcStatus_2
processHandingOver	dataFromTrack_in
processHandingOver	trainPosition
processHandingOver	BGs
processHandingOver	sessionManagementAbility
processHandingOver	trainProperties
MoRC_Main_v21	msg_in
MoRC_Main_v21	eventsAndPhases
MoRC_Main_v21	atPowerUpRadioNetworkID
MoRC_Main_v21	newRadioNetworkIDFromDriver
MoRC_Main_v21	mode
MoRC_Main_v21	level
MoRC_Main_v21	mobileRegistrationContext
MoRC_Main_v21	mobileConnectionContext
MoRC_Main_v21	currentTime
MoRC_Main_v21	reset
MoRC_Main_v21	t_train
MoRC_Main_v21	configData
MoRC_Main_v22	msg_in
MoRC_Main_v22	eventsAndPhases
MoRC_Main_v22	atPowerUpRadioNetworkID
MoRC_Main_v22	newRadioNetworkIDFromDriver
MoRC_Main_v22	mode
MoRC_Main_v22	level
MoRC_Main_v22	mobileRegistrationContext
MoRC_Main_v22	mobileConnectionContext
MoRC_Main_v22	currentTime

Owner	Port
MoRC_Main_v22	reset
MoRC_Main_v22	t_train
MoRC_Main_v22	configData
mobileDataRouter_out	dataToRBC
mobileDataRouter_out	positionReport_in
mobileDataRouter_out	trainData_in
mobileDataRouter_out	morcMsgToRBC_1
mobileDataRouter_out	morcMsgToRBC_2
mobileDataRouter_out	useInformationFromAcceptingRBC
mobileDataRouter_out	handingOverRBC_is_RBC_1
mobileDataRouter_out	sendPositionReport_2_acceptingRBC
mobileDataRouter_out	sendPositionReport_2_handingOverRBC
mobileDataRouter_out	sendPositionReport_2_RBC_1
mobileDataRouter_out	sendPositionReport_2_RBC_2
mobileDataRouter_out	sendTrainData_2_acceptingRBC
mobileDataRouter_out	sessionManagementAbility
CheckBGConsistency	storedBGs
CheckBGConsistency	trainPosition
CheckBGConsistency	mMode
CheckBGConsistency	trackSide_ForCheck
CheckBGConsistency	q_nvlocacc
CheckBGConsistency	trainVersion
CaseLinkingInUse1	storedBGs
CaseLinkingInUse1	q_nvlocacc
CaseLinkingNotInUse1	q_nvlocacc
ProvidePositionReport	posBGs
ProvidePositionReport	trainPos
ProvidePositionReport	odometry
ProvidePositionReport	trainProps
ProvidePositionReport	trackInfo
ProvidePositionReport	inMessage
ProvidePositionReport	systemTime
ProvidePositionReport	rcbComm
ProvidePositionReport	train2trackStatus
ProvidePositionReport	prvDirTrain
ProvidePositionReport	BG_LinkingConsistencyError
ProvidePositionReport	LinkedBG_MessageConsistencyError
ProvidePositionReport	UnlinkedBG_MessageConsistencyError
ProvidePositionReport	RadioMessageConsistencyError
ProvidePositionReport	RadioSequenceError

ProvidePositionReport SafetyCriticalFailure ProvidePositionReport DoubleI.nkingError ProvidePositionReport DoubleI.nkingError ProvidePositionReport DoubleI.nkingError ProvidePositionReport DoubleRepositioningError ProvidePositionReport modeLevelStatus ProvidePositionReport reportedBGs ProvidePositionReport MessageBus ProvidePositionReport Inversion Inversion I	Owner	Port
ProvidePositionReport ProvidePositionProvideReport ProvideReport ProvideReport	ProvidePositionReport	RadioSafeRadioConnectionError
ProvidePositionReport modeLevelStatus ProvidePositionReport reportedBGs ProvidePositionReport reportedBGs ProvidePositionReport MessageBus ProvidePositionReport MessageBus ProvidePositionReport inVersion ProvidePositionReport Ltrain manageDMI_Output incurrentDMIStatus manageDMI_Output inSystemTime manageDMI_Output inJTU_TrainStatus manageDMI_Output inTu_TrainStatus manageDMI_Output inTu_TrainStatus manageDMI_Output inTu_TrainStatus manageDMI_Output inTainPosition manageDMI_Output inReadCommand manageDMI_Output inSpeedSupervision manageDMI_Output inModeAndLevel manageDMI_Output inModeLevel manageDMI_Output inModeLevel manageDMI_Output inModeAndLevel manageDMI_Output inModeLevel manageDMI_Output inModeLevel manageDMI_Output inModeLevel manageDMI_Output inmanageDMI_Output	ProvidePositionReport	SafetyCriticalFailure
ProvidePositionReport reportedBGs ProvidePositionReport reportedBGs ProvidePositionReport MessageBus ProvidePositionReport inversion ProvidePositionReport t train manageDMI Output incurrentDMIStatus manageDMI Output inCorrentDMIStatus manageDMISTATUS manageDMISTATUS manageDMISTATUS manageDMISTATUS manageDMISTATUS man	ProvidePositionReport	DoubleLinkingError
ProvidePositionReport MessageBus ProvidePositionReport inVersion ProvidePositionReport it. train ProvidePositionReport t. train IncurrentDMIStatus	ProvidePositionReport	DoubleRepositioningError
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ProvidePositionReport L_train  ProvidePositionReport L_train  manageDMI_Output incurrentDMIStatus  manageDMI_Output inSystemTime  manageDMI_Output inCometry  manageDMI_Output inTrainPosition  manageDMI_Output inSpeedSupervision  manageDMI_Output inModeAndLevel  manageDMI_Output inModeAndLevel  manageDMI_Output inModeAndLevel  manageDMI_Output inModeAndLevel  manageDMI_Output inMovementAuthority  manageDMI_Output inModeAndLevel  manageDMI_Output inModeLevel  manageDMI_Output inModeAllexel  manageDMI_Output inModeAllexe  manageDMI_Output inModeAllexe  manageDMI_Output inModeAllexe  manageDMI_Output inModeAllex	ProvidePositionReport	reportedBGs
ProvidePositionReport  manageDMI_Output  dmi_evc_coded_train_data  manageDMI_Output  dmi_trackDescription  manageDMI_Output  dmi_displayControl  manageDMI_Output  manageDMI_Output  dmi_EVC_levelList  manageDMI_Output  dmi_EVC_readioNet  manageDMI_Output  dmi_EVC_radioNet  manageDMI_Output  dmi_evc_cradioNet  manageDMI_Output  dmi_evc_cradioNet  dmi_evc_coded_train_data  manageDMI_Output  dmi_eVC_radioNet  dmi_eVC_radioNet  dmi_eVC_radioNet  dmi_eVC_radioNet  manageDMI_Output  dmi_eVC_radioNet  dmi_evc_coded_train  manageDMI_Output  dmi_eVC_radioNet  dmi_eVC_radioNet  dmi_driverIdentifier  manageDMI_Output  dmi_trainRunningNumber  mi_trainRunningNumber  mi_tr	ProvidePositionReport	MessageBus
manageDMI_Output inSystemTime manageDMI_Output TIU_TrainStatus manageDMI_Output TIU_TrainStatus manageDMI_Output inTrainPosition manageDMI_Output inTrainPosition manageDMI_Output inSpeedSupervision manageDMI_Output inSpeedSupervision manageDMI_Output inModeAndLevel manageDMI_Output inModeAndLevel manageDMI_Output inModeCandLevel manageDMI_Output inNodeCandLevel manageDMI_Output inNodeCandLevel manageDMI_Output inNodeCandLevel manageDMI_Output inStatusCand manageDMI_Output inS	ProvidePositionReport	inVersion
manageDMI_Output inSystemTime manageDMI_Output TIU_TrainStatus manageDMI_Output inOdometry manageDMI_Output inTrainPosition manageDMI_Output inSpeedSupervision manageDMI_Output inModeAndLevel manageDMI_Output inModeAndLevel manageDMI_Output inMovementAuthority manageDMI_Output inMore_status manageDMI_Output inMore_coded_train_data manageDMI_Output interactionserption manageDMI_Output inModeLevel_Ack manageDMI_Output innover manag	ProvidePositionReport	t_train
manageDMI_Output inCodometry manageDMI_Output inSpeedSupervision manageDMI_Output inSpeedSupervision manageDMI_Output inSpeedSupervision manageDMI_Output inModeAndLevel manageDMI_Output inMovementAuthority manageDMI_Output inmovement	manageDMI_Output	incurrentDMIStatus
manageDMI_Output inDdometry manageDMI_Output inBrakeCommand manageDMI_Output inBrakeCommand manageDMI_Output inBrakeCommand manageDMI_Output inModeAndLevel manageDMI_Output inMovementAuthority manageDMI_Output inMovementAuthority manageDMI_Output inMovementAuthority manageDMI_Output inMoRC_status manageDMI_Output inMoRC_status manageDMI_Output inmore definition in manageDMI_Output inmore definition in manageDMI_Output information in manageDMI	manageDMI_Output	inSystemTime
manageDMI_Output inTrainPosition manageDMI_Output inSpeedSupervision manageDMI_Output inModeAndLevel manageDMI_Output inMovementAuthority manageDMI_Output inMovementAuthority manageDMI_Output inMore mentAuthority manageDMI_Output inMore manageDMI_Output inmore mentAuthority m	manageDMI_Output	TIU_TrainStatus
manageDM_Output inBrakeCommand manageDMI_Output inModeAndLevel manageDMI_Output inModeAndLevel manageDMI_Output inMovementAuthority manageDMI_Output inMoRC_status manageDMI_Output itrainDataFromEVC manageDMI_Output dmi_entryRequest manageDMI_Output dmi_erryRequest manageDMI_Output dmi_evc_coded_train_data manageDMI_Output dmi_evc_systemVersion manageDMI_Output dmi_displayControl manageDMI_Output dmi_displayControl manageDMI_Output dmi_UpdateLevelSDMI manageDMI_Output dmi_UpdateLevelSDMI manageDMI_Output dmi_EvC_radioNet manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_adhesionFactor manageDMI_Output inModeLevel_Ack manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition TIU_TrainStatus	manageDMI_Output	inOdometry
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manageDMI_Output inNationalValues manageDMI_Output inNationalValues manageDMI_Output inMoRC_status manageDMI_Output itrainDataFromEVC manageDMI_Output dmi_entryRequest manageDMI_Output dmi_erc_coded_train_data manageDMI_Output dmi_trackDescription manageDMI_Output dmi_trackDescription manageDMI_Output dmi_trackDescription manageDMI_Output dmi_displayControl manageDMI_Output dmi_EVC_levelList manageDMI_Output dmi_EVC_levelList manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_fromBG manageDMI_Output annageDMI_Output dmi_fromBG manageDMI_Output annageDMI_Output inNodeLevel_Ack manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition TIU_TrainStatus	manageDMI_Output	inBrakeCommand
manageDMI_Output inNationalValues manageDMI_Output inMovementAuthority manageDMI_Output inMoRC_status manageDMI_Output trainDataFromEVC manageDMI_Output dmi_entryRequest manageDMI_Output dmi_entryRequest manageDMI_Output dmi_trackDescription manageDMI_Output dmi_displayControl manageDMI_Output dmi_EVC_levelList manageDMI_Output dmiUpdateLevelsDMI manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_evC_radioNet manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_atrainRunningNumber manageDMI_Output dmi_fromBG manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition TIU_TrainStatus	manageDMI_Output	inSpeedSupervision
manageDMI_Output inMovementAuthority manageDMI_Output inMoRC_status  manageDMI_Output trainDataFromEVC  manageDMI_Output dmi_entryRequest  manageDMI_Output dmi_evc_coded_train_data  manageDMI_Output dmi_trackDescription  manageDMI_Output dmi_displayControl  manageDMI_Output dmi_EVC_levelList  manageDMI_Output dmi_EVC_levelList  manageDMI_Output dmi_EVC_radioNet  manageDMI_Output dmi_evc_coded_train_data  manageDMI_Output dmi_displayControl  manageDMI_Output dmi_EVC_levelList  manageDMI_Output dmi_EVC_radioNet  manageDMI_Output dmi_evc_radioNet  manageDMI_Output dmi_evc_radioNet  manageDMI_Output dmi_trainRunningNumber  manageDMI_Output dmi_adhesionFactor  manageDMI_Output dmi_fromBG  manageDMI_Output inModeLevel_Ack  manageDMI_Output inNTC  manageDMI_Output inStatusList  calcDistances1 inTrainPosition  TIU_TrainStatus	manageDMI_Output	inModeAndLevel
manageDMI_Output inMoRC_status  manageDMI_Output trainDataFromEVC  manageDMI_Output dmi_entryRequest  manageDMI_Output dmi_evc_coded_train_data  manageDMI_Output dmi_trackDescription  manageDMI_Output dmi_displayControl  manageDMI_Output dmi_EVC_levelList  manageDMI_Output dmi_EVC_levelList  manageDMI_Output dmi_EVC_radioNet  manageDMI_Output dmi_evc_radioNet  manageDMI_Output dmi_trackDescription  manageDMI_Output dmi_EVC_levelList  manageDMI_Output dmi_EVC_radioNet  manageDMI_Output dmi_driverIdentifier  manageDMI_Output dmi_trainRunningNumber  manageDMI_Output dmi_adhesionFactor  manageDMI_Output dmi_adhesionFactor  manageDMI_Output inModeLevel_Ack  manageDMI_Output inModeLevel_Ack  manageDMI_Output inNTC  manageDMI_Output inStatusList  calcDistances1 inStatusList  TIU_TrainStatus	manageDMI_Output	inNationalValues
manageDMI_Output trainDataFromEVC manageDMI_Output dmi_entryRequest manageDMI_Output dmi_evc_coded_train_data manageDMI_Output dmi_trackDescription manageDMI_Output evc_systemVersion manageDMI_Output dmi_displayControl manageDMI_Output dmi_EVC_levelList manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_evc_radioNet manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition  TIU_TrainStatus	manageDMI_Output	inMovementAuthority
manageDMI_Output dmi_entryRequest manageDMI_Output dmi_evc_coded_train_data manageDMI_Output dmi_trackDescription manageDMI_Output evc_systemVersion manageDMI_Output dmi_displayControl manageDMI_Output dmi_EVC_levelList manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition  TIU_TrainStatus	manageDMI_Output	inMoRC_status
manageDMI_Output dmi_evc_coded_train_data manageDMI_Output dmi_trackDescription manageDMI_Output evc_systemVersion manageDMI_Output dmi_displayControl manageDMI_Output dmi_EVC_levelList manageDMI_Output dmiUpdateLevelsDMI manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainStatus	manageDMI_Output	trainDataFromEVC
manageDMI_Output dmi_trackDescription manageDMI_Output evc_systemVersion manageDMI_Output dmi_displayControl manageDMI_Output dmi_EVC_levelList manageDMI_Output dmi_UpdateLevelsDMI manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition collectDMIPackets1  dmi_trainRunningNumber dmi_fromBG inModeLevel_Ack manageDMI_Output inNTC manageDMI_Output inStatusList inTrainPosition collectDMIPackets1	manageDMI_Output	dmi_entryRequest
manageDMI_Output evc_systemVersion manageDMI_Output dmi_displayControl manageDMI_Output dmi_EVC_levelList manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_evc_radioNet manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_fromBG manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition  dmi_displayControl dmi_EVC_levelList dmi_EVC_levelList dmi_EVC_radioNet dmi_EVC_radio	manageDMI_Output	dmi_evc_coded_train_data
manageDMI_Output dmi_displayControl manageDMI_Output dmi_EVC_levelList manageDMI_Output dmiUpdateLevelsDMI manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition  dmi_trainRunningNumber dm	manageDMI_Output	dmi_trackDescription
manageDMI_Output dmi_EVC_levelList manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_evc_radioNet manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output announcedLevel manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition collectDMIPackets1  dmi_EVC_levelList dmi_EVC_levelList dmi_UpdateLevelsDMI dmi_EVC_radioNet dmi_EVC_radioNet dmi_EVC_radioNet dmi_EVC_radioNet dmi_EVC_radioNet dmi_EVC_radioNet dmi_EVC_radioNet dmi_EVC_radioNet	manageDMI_Output	evc_systemVersion
manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output announcedLevel manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition collectDMIPackets1  dmi_EVC_radioNet dmi_EVC_radioNet dmi_EVC_radioNet dmi_EVC_radioNet	manageDMI_Output	dmi_displayControl
manageDMI_Output dmi_EVC_radioNet manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output announcedLevel manageDMI_Output inStatusList calcDistances1 inTrainPosition collectDMIPackets1 TIU_TrainStatus	manageDMI_Output	dmi_EVC_levelList
manageDMI_Output dmi_driverIdentifier manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output announcedLevel manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition collectDMIPackets1 TIU_TrainStatus	manageDMI_Output	dmiUpdateLevelsDMI
manageDMI_Output dmi_trainRunningNumber manageDMI_Output dmi_adhesionFactor manageDMI_Output dmi_fromBG manageDMI_Output inModeLevel_Ack manageDMI_Output announcedLevel manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition collectDMIPackets1 TIU_TrainStatus	manageDMI_Output	dmi_EVC_radioNet
manageDMI_Output       dmi_adhesionFactor         manageDMI_Output       dmi_fromBG         manageDMI_Output       inModeLevel_Ack         manageDMI_Output       announcedLevel         manageDMI_Output       inNTC         manageDMI_Output       inStatusList         calcDistances1       inTrainPosition         collectDMIPackets1       TIU_TrainStatus	manageDMI_Output	dmi_driverldentifier
manageDMI_Output dmi_fromBG  manageDMI_Output inModeLevel_Ack  manageDMI_Output announcedLevel  manageDMI_Output inNTC  manageDMI_Output inStatusList  calcDistances1 inTrainPosition  collectDMIPackets1 TIU_TrainStatus	manageDMI_Output	dmi_trainRunningNumber
manageDMI_Output inModeLevel_Ack manageDMI_Output announcedLevel manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition collectDMIPackets1 TIU_TrainStatus	manageDMI_Output	dmi_adhesionFactor
manageDMI_Output     announcedLevel       manageDMI_Output     inNTC       manageDMI_Output     inStatusList       calcDistances1     inTrainPosition       collectDMIPackets1     TIU_TrainStatus	manageDMI_Output	dmi_fromBG
manageDMI_Output inNTC manageDMI_Output inStatusList calcDistances1 inTrainPosition collectDMIPackets1 TIU_TrainStatus	manageDMI_Output	inModeLevel_Ack
manageDMI_Output inStatusList calcDistances1 inTrainPosition collectDMIPackets1 TIU_TrainStatus	manageDMI_Output	announcedLevel
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collectDMIPackets1 TIU_TrainStatus	manageDMI_Output	inStatusList
_	calcDistances1	inTrainPosition
collectDMIDcolecte1	collectDMIPackets1	TIU_TrainStatus
collectuivii rackets i ami_dynamic	collectDMIPackets1	dmi_dynamic

Owner	Port
collectDMIPackets1	dmi_menuRequest
collectDMIPackets1	dmi_entryRequest
collectDMIPackets1	dmi_evc_coded_train_data
collectDMIPackets1	dmi_text_message
collectDMIPackets1	dmi_trackDescription
collectDMIPackets1	dmi_identifierRequest
collectDMIPackets1	dmi_systemVersion
collectDMIPackets1	dmi_displayControl
collectDMIPackets1	dmi_EVC_levelData
collectDMIPackets1	dmi_EVC_radioNet
collectDMIPackets1	dmi_driverIdentifier
collectDMIPackets1	dmi_trainRunningNumber
collectDMIPackets1	dmi_trainData
collectDMIPackets1	dmi_adhesionFactor
collectDMIPackets1	dmi_iconRequest
collectDMIPackets1	systemTime
convert_cm_s_km_h1	cm_s
copyGradientElement1	index
copyGradientElement1	fromTrackAtlas
copySpeedProfileElement1	index
copySpeedProfileElement1	fromTrackAtlas
copyTrackDescription1	fromTrackAtlas
copyTrackDescription1	inSystemTime
cyclicReportToDMI1	incurrentDMIStatus
cyclicReportToDMI1	inSystemTime
cyclicReportToDMI1	inOdometry
cyclicReportToDMI1	inTrainPosition
cyclicReportToDMI1	inSpeedSupervision
cyclicReportToDMI1	inModeAndLevel
cyclicReportToDMI1	inNationalValues
cyclicReportToDMI1	inMovementAuthority
cyclicReportToDMI1	inMoRC_status
cyclicReportToDMI1	inNTC
doEntryRequest1	dmi_entryRequest
doEntryRequest1	inSystemTime
doldentifierRequest1	TIU_TrainStatus
doldentifierRequest1	inSystemTime
doldentifierRequest1	ownVersion
isSendingNeeded1	inSystemTime
isSendingNeeded1	incurrentDMIStatus

Owner	Port
mapEntryForLevel1	dmi_entryRequest
mapMoRCtoRadio_CS1	inMoRC_status
sendBrakesToDMI1	brakeCommand
sendBrakesToDMI1	inSystemTime
sendDynamic1	inSystemTime
sendDynamic1	inOdometry
sendDynamic1	inTrainPosition
sendDynamic1	inSpeedSupervision
sendDynamic1	inModeAndLevel
sendDynamic1	inNationalValues
sendDynamic1	inMoRC_status
sendDynamic1	inMovementAuthority
sendDynamic1	inNTC
sendLevelListPkg1	levelList
sendLevelListPkg1	UpdateLevelsRequested
sendLevelListPkg1	inSystemTime
sendTrainData1	inSystemTime
sendTrainData1	trainDataFromEVC
sendVersion1	ownVersion
sendVersion1	dmiStatus
sendVersion1	inSystemTime
synchWithDMI1	dmi_identifierRequest
synchWithDMI1	TIU_TrainStatus
synchWithDMI1	outputStatus
synchWithDMI1	systemTime
F2 ETCS Kernel	EVC_reset
F2 ETCS Kernel	API_Odometry
F2 ETCS Kernel	API_SystemTime
F2 ETCS Kernel	API_fromTrack
F2 ETCS Kernel	API_fromDMI
F2 ETCS Kernel	API_fromTIU
F2 ETCS Kernel	API_mobileHWStatus
F2 ETCS Kernel	API_persistentDataIn
F2.1 Manage_TrackSideInformation_Integration	fullChecks
F2.1 Manage_TrackSideInformation_Integration	lastRelevantEventTimestamp
CheckBGConsistency	storedBGs
CheckBGConsistency	mMode
CheckBGConsistency	q_nvlocacc
CaseLinkingInUse1	storedBGs
CaseLinkingInUse1	q_nvlocacc
	1

Owner	Port
CaseLinkingNotInUse1	q_nvlocacc
InformationFilter	inSupervisingDevice
InformationFilter	inPendingL1Transition
InformationFilter	inPendingL2L3Transition
InformationFilter	inPendingAckOfTrainDataFromRBC
InformationFilter	inEmergencyStopAccepted
InformationFilter	inLastAckTextMessageId
InformationFilter	inPendingNTCTransition
InformationFilter	inLevel
InformationFilter	inModus
validateDataDirection	inLRBG
validateDataDirection	inPositionedBGs
validateDataDirection	trainPosition
CheckEuroRadioMessage	activateCheck
CheckEuroRadioMessage	tNvContact
CheckEuroRadioMessage	lastRelevantEventTimestamp
CheckEuroRadioMessage	connectionStatus
F2.10 manageDMI_Input	lasttNTC
changeLevelByDiver1	levelData
changeLevelByDiver1	lasttNTC
doDriverRequests1	inDriverRequest
receiveRequestsModesAndLevel1	fromDMI_driverRequest
receiveRequestsModesAndLevel1	fromDMI_Icon_Ack
receiveRequestsModesAndLevel1	fromDMI_TextMsg_Ack
receiveRequestsModesAndLevel1	inSystemTime
receiveRequestsModesAndLevel1	inStatusList
triggerForMA1	fromDMI_driverRequest
updateDMIStatus1	sndValidationRequested
updateDMIStatus1	oldStatus
updateDMIStatus1	fromDMI
getTIUStatusFromData	inTIUActualData
mergeTIU_Info	newInfo
mergeTIU_Info	storedInfo
mergeTIU_Info	EVC_trainData
selectTrainData	newTIUTrainData
selectTrainData	in_train_commands
selectTrainData	EVC_trainData
F2.2 Manage_ETCS_Procedures	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
F2.2 Manage_ETCS_Procedures	statusRBCSessioneEstabilished_status_from_MoRC
SoM_NTC_SN	Status_Mode_Change_from_Level_and_Mode_Management
SoM_NTC_SN	Status_Mode_Change_from_Level_and_Mode_Management

SoM_SR_FS_OS_LS_SH_SN_UN Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management SOM SR_FS_OS_LS_SH_SN_UN Status_Mode_Change_from_Level_and_Mode_Management F2.9 MoRC_HO F	Owner	Port
F2.9 MoRC_HO F2.9 MoRC_HO RewRadioNetworkIDFromPriver F2.9 MoRC_HO mobileRegistrationContext_2 F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO mobileConnectionContext_2 F2.9 MoRC_HO sessionManagementAbility F2.9 MoRC_HO processHandingOver processHandingOv	SoM_SR_FS_OS_LS_SH_SN_UN	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
F2.9 MoRC_HO F2.9 MoRC_HO mobileRegistrationContext_2 F2.9 MoRC_HO mobileRegistrationContext_2 F2.9 MoRC_HO sessionManagementAbility F2.9 MoRC_HO sessionManagementAbility F2.9 MoRC_HO sessionManagementAbility F2.9 MoRC_HO nobardPhoneNumbers_b F2.9 MoRC_HO novessHandingOver sessionManagementAbility processHandingOver mode processHandingOver morcStatus_1 processHandingOver norcStatus_2 processHandingOver dataFromTrack_in processHandingOver processHandingOver processHandingOver BGs processHandingOver BGs processHandingOver mode MoRC_Main_v21 neset MoRC_Main_v21 neset MoRC_Main_v21 mode MoRC_Main_v21 newRadioNetworkID MoRC_Main_v21 newRadioNetworkID MoRC_Main_v21 mode MoRC_Main_v21 mode MoRC_Main_v21 mode MoRC_Main_v21 mobileRegistrationContext mode MoRC_Main_v21 mode MoRC_Main_v21 mobileConnectionContext mog_in MoRC_Main_v21 newRadioNetworkID mode MoRC_Main_v21 nondigData eventsAndPhases reset MoRC_Main_v21 nondigData eventsAndPhases mog_in MoRC_Main_v22 neset mog_in MoRC_Main_v22 neset mog_in MoRC_Main_v22 newRadioNetworkIDFromDriver mode MoRC_Main_v22 newRadioNetworkIDFromDriver mode MoRC_Main_v22 neset mog_in MoRC_Main_v22 newRadioNetworkIDFromDriver mode MoRC_Main_v22 model MoRC_Main_v22 model MoRC_Main_v22 model MoRC_Main_v22 model MoRC_Main_v22 model MoRC_Main_v22 model MoRC_Main_v22 mode	SoM_SR_FS_OS_LS_SH_SN_UN	Status_Mode_Change_from_Level_and_Mode_Management
F2.9 MoRC_HO F2.9 MoRC_HO F2.9 MoRC_HO SessionManagementAbility F2.9 MoRC_HO SessionManagementAbility F2.9 MoRC_HO F2.9 MoRC_MORE F2.9 MoRC_HO F2.9	F2.9 MoRC_HO	atPowerUpRadioNetworkID
F2.9 MoRC_HO F2.9 MoRC HO sessionManagementAbility F2.9 MoRC_HO onboardPhoneNumbers_b F2.9 MoRC_HO onboardPhoneNumbers_b F2.9 MoRC_HO m_version processHandingOver processHandingOver processHandingOver processHandingOver moressHandingOver moressHandingOver processHandingOver BGS processHandingOver BGS processHandingOver processHandingO	F2.9 MoRC_HO	newRadioNetworkIDFromDriver
F2.9 MoRC_HO configData F2.9 MoRC HO configData F2.9 MoRC HO onboardPhoneNumbers_b F2.9 MoRC_HO mversion processHandingOver sessionManagementAbility processHandingOver mode processHandingOver moreStatus_1 processHandingOver moreStatus_2 processHandingOver dataFromTrack_in processHandingOver dataFromTrack_in processHandingOver BGS processHandingOver BGS processHandingOver trainProperties moRC_Main_v21 eventsAndPhases MoRC_Main_v21 reset MoRC_Main_v21 atPowerUpRadioNetworkID MoRC_Main_v21 newRadioNetworkIDFromDriver MoRC_Main_v21 mobileRegistrationContext MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 currentTime MoRC_Main_v21 currentTime MoRC_Main_v21 currentTime MoRC_Main_v21 reset MoRC_Main_v21 reset MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 currentTime MoRC_Main_v21 reset MoRC_Main_v21 reset MoRC_Main_v21 currentTime MoRC_Main_v21 reset MoRC_Main_v21 reset MoRC_Main_v21 reset MoRC_Main_v21 reset MoRC_Main_v21 reset MoRC_Main_v21 reset MoRC_Main_v22 reset Mo	F2.9 MoRC_HO	mobileRegistrationContext_2
F2.9 MoRC_HO F2.9 MoRC_Main_v21 F2.9 MORC_Main_v22 F2.9 MOR	F2.9 MoRC_HO	mobileConnectionContext_2
F2.9 MoRC_HO F2.9 MoRC_Main_v22 MoRC_Main_v22 MoRC_Main_v22 MoRC_Main_v22 MoRC_Main_v22 MoRC_Main_v21 MoRC_Main_v22 MoRC_Mai	F2.9 MoRC_HO	sessionManagementAbility
F2.9 MoRC_HO processHandingOver	F2.9 MoRC_HO	configData
processHandingOver mode processHandingOver mode processHandingOver moreStatus_1 processHandingOver moreStatus_2 processHandingOver moreStatus_2 processHandingOver dataFromTrack_in processHandingOver trainPosition processHandingOver BGS processHandingOver trainProperties MoRC_Main_v21 eventsAndPhases MoRC_Main_v21 reset MoRC_Main_v21 msg_in MoRC_Main_v21 mode MoRC_Main_v21 mobileRegistrationContext MoRC_Main_v21 currentTime MoRC_Main_v21 currentTime MoRC_Main_v21 configData MoRC_Main_v22 reset MoRC_Main_v22 re	F2.9 MoRC_HO	onboardPhoneNumbers_b
processHandingOver morcStatus_1 processHandingOver morcStatus_2 processHandingOver dataFromTrack_in processHandingOver dataFromTrack_in processHandingOver trainPosition processHandingOver BGs processHandingOver BGs processHandingOver trainProperties MoRC_Main_v21 eventsAndPhases MoRC_Main_v21 reset MoRC_Main_v21 msg_in MoRC_Main_v21 atPowerUpRadioNetworkID MoRC_Main_v21 newRadioNetworkIDFromDriver MoRC_Main_v21 mode MoRC_Main_v21 level MoRC_Main_v21 mobileRegistrationContext MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 currentTime MoRC_Main_v21 t_train MoRC_Main_v21 configData MoRC_Main_v21 reset MoRC_Main_v22 reset	F2.9 MoRC_HO	m_version
processHandingOver morcStatus_1 processHandingOver dataFromTrack_in processHandingOver trainPosition processHandingOver BGS processHandingOver trainProperties  morcStatus_2  dataFromTrack_in processHandingOver BGS  processHandingOver trainProperties  Morc_Main_v21 eventsAndPhases  Morc_Main_v21 msg_in  Morc_Main_v21 atPowerUpRadioNetworkID  Morc_Main_v21 newRadioNetworkIDFromDriver  Morc_Main_v21 mobileRegistrationContext  Morc_Main_v21 mobileConnectionContext  Morc_Main_v21 currentTime  Morc_Main_v21 configData  Morc_Main_v21 configData  Morc_Main_v22 reset  Morc_Main_v22 reset  Morc_Main_v22 atPowerUpRadioNetworkID  Morc_Main_v22 msg_in  Morc_Main_v22 atPowerUpRadioNetworkID  Morc_Main_v22 reset  Morc_Main_v22 newRadioNetworkID  Morc_Main_v22 reset  Morc_Main_v22 newRadioNetworkID  Morc_Main_v22 level	processHandingOver	sessionManagementAbility
processHandingOver dataFromTrack_in processHandingOver trainPosition processHandingOver BGs processHandingOver trainProperties  MoRC_Main_v21 eventsAndPhases  MoRC_Main_v21 msg_in  MoRC_Main_v21 atPowerUpRadioNetworkID  MoRC_Main_v21 mode  MoRC_Main_v21 mode  MoRC_Main_v21 mode  MoRC_Main_v21 mode  MoRC_Main_v21 mode  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 configData  MoRC_Main_v21 configData  MoRC_Main_v22 reset  MoRC_Main_v22 atPowerUpRadioNetworkID  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 configData  MoRC_Main_v21 train  MoRC_Main_v21 configData  MoRC_Main_v22 reset  MoRC_Main_v22 reset  MoRC_Main_v22 atPowerUpRadioNetworkID  MoRC_Main_v22 atPowerUpRadioNetworkID  MoRC_Main_v22 newRadioNetworkID  MoRC_Main_v22 newRadioNetworkID  MoRC_Main_v22 level	processHandingOver	mode
processHandingOver trainPosition processHandingOver BGs processHandingOver trainProperties MoRC_Main_v21 eventsAndPhases MoRC_Main_v21 msg_in MoRC_Main_v21 atPowerUpRadioNetworkID MoRC_Main_v21 mode MoRC_Main_v21 mobileRegistrationContext MoRC_Main_v21 mode L trainProperties  MoRC_Main_v21 msg_in MoRC_Main_v21 atPowerUpRadioNetworkID MoRC_Main_v21 mode Level MoRC_Main_v21 mode Level MoRC_Main_v21 mobileRegistrationContext MoRC_Main_v21 mobileConnectionContext MoRC_Main_v21 currentTime L train MoRC_Main_v21 train MoRC_Main_v21 configData MoRC_Main_v22 eventsAndPhases MoRC_Main_v22 reset MoRC_Main_v22 atPowerUpRadioNetworkID MoRC_Main_v22 atPowerUpRadioNetworkID MoRC_Main_v22 reset MoRC_Main_v22 atPowerUpRadioNetworkID MoRC_Main_v22 newRadioNetworkID MoRC_Main_v22 newRadioNetworkID MoRC_Main_v22 level	processHandingOver	morcStatus_1
processHandingOver trainPosition processHandingOver BGs processHandingOver trainProperties  MoRC_Main_v21 eventsAndPhases  MoRC_Main_v21 msg_in  MoRC_Main_v21 atPowerUpRadioNetworkID  MoRC_Main_v21 newRadioNetworkIDFromDriver  MoRC_Main_v21 mobileRegistrationContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime  MoRC_Main_v21 configData  MoRC_Main_v21 reset  MoRC_Main_v21 mobileRegistrationContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime  MoRC_Main_v21 currentTime  MoRC_Main_v21 configData  MoRC_Main_v22 eventsAndPhases  MoRC_Main_v22 reset  MoRC_Main_v22 atPowerUpRadioNetworkID  MoRC_Main_v22 newRadioNetworkIDFromDriver  MoRC_Main_v22 newRadioNetworkIDFromDriver  MoRC_Main_v22 newRadioNetworkIDFromDriver  MoRC_Main_v22 newRadioNetworkIDFromDriver  MoRC_Main_v22 newRadioNetworkIDFromDriver  MoRC_Main_v22 newBallonEquationContext	processHandingOver	morcStatus_2
processHandingOver trainProperties  MoRC_Main_v21 eventsAndPhases  MoRC_Main_v21 reset  MoRC_Main_v21 msg_in  MoRC_Main_v21 atPowerUpRadioNetworkID  MoRC_Main_v21 newRadioNetworkIDFromDriver  MoRC_Main_v21 mobileRegistrationContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime  MoRC_Main_v21 configData  MoRC_Main_v21 configData  MoRC_Main_v22 reset  MoRC_Main_v22 atPowerUpRadioNetworkIDFromDriver  MoRC_Main_v20 mobileConnectionContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime  MoRC_Main_v21 configData  MoRC_Main_v22 eventsAndPhases  MoRC_Main_v22 atPowerUpRadioNetworkID  MoRC_Main_v22 atPowerUpRadioNetworkID  MoRC_Main_v22 mode  MoRC_Main_v22 level  MoRC_Main_v22 mobileRegistrationContext	processHandingOver	dataFromTrack_in
processHandingOver trainProperties  MoRC_Main_v21 eventsAndPhases  MoRC_Main_v21 reset  MoRC_Main_v21 msg_in  MoRC_Main_v21 atPowerUpRadioNetworkID  MoRC_Main_v21 newRadioNetworkIDFromDriver  MoRC_Main_v21 level  MoRC_Main_v21 mobileRegistrationContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime  MoRC_Main_v21 currentTime  MoRC_Main_v21 configData  MoRC_Main_v21 reset  MoRC_Main_v21 reset  MoRC_Main_v21 at_train  MoRC_Main_v21 reset  MoRC_Main_v21 at_train  MoRC_Main_v21 configData  MoRC_Main_v22 reset  MoRC_Main_v22 at_PowerUpRadioNetworkID  MoRC_Main_v22 at_PowerUpRadioNetworkID  MoRC_Main_v22 newRadioNetworkIDFromDriver  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mobileRegistrationContext	processHandingOver	trainPosition
MoRC_Main_v21 eventsAndPhases  MoRC_Main_v21 reset  MoRC_Main_v21 msg_in  MoRC_Main_v21 atPowerUpRadioNetworkID  MoRC_Main_v21 newRadioNetworkIDFromDriver  MoRC_Main_v21 mode  MoRC_Main_v21 level  MoRC_Main_v21 mobileRegistrationContext  MoRC_Main_v21 currentTime  MoRC_Main_v21 t_train  MoRC_Main_v21 configData  MoRC_Main_v22 eventsAndPhases  MoRC_Main_v22 reset  MoRC_Main_v22 atPowerUpRadioNetworkID  MoRC_Main_v22 newRadioNetworkID  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 level  MoRC_Main_v22 level  MoRC_Main_v22 mobileRegistrationContext	processHandingOver	BGs
MoRC_Main_v21 reset  MoRC_Main_v21 msg_in  MoRC_Main_v21 atPowerUpRadioNetworkID  MoRC_Main_v21 newRadioNetworkIDFromDriver  MoRC_Main_v21 mode  MoRC_Main_v21 level  MoRC_Main_v21 mobileRegistrationContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime  MoRC_Main_v21 configData  MoRC_Main_v21 configData  MoRC_Main_v22 reset  MoRC_Main_v22 msg_in  MoRC_Main_v22 atPowerUpRadioNetworkID  MoRC_Main_v22 newRadioNetworkIDFromDriver  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mobileRegistrationContext	processHandingOver	trainProperties
MoRC_Main_v21         msg_in           MoRC_Main_v21         atPowerUpRadioNetworkID           MoRC_Main_v21         newRadioNetworkIDFromDriver           MoRC_Main_v21         mode           MoRC_Main_v21         level           MoRC_Main_v21         mobileRegistrationContext           MoRC_Main_v21         mobileConnectionContext           MoRC_Main_v21         currentTime           MoRC_Main_v21         t_train           MoRC_Main_v21         configData           MoRC_Main_v21         configData           MoRC_Main_v22         eventsAndPhases           MoRC_Main_v22         reset           MoRC_Main_v22         msg_in           MoRC_Main_v22         atPowerUpRadioNetworkID           MoRC_Main_v22         newRadioNetworkIDFromDriver           MoRC_Main_v22         mode           MoRC_Main_v22         level           MoRC_Main_v22         mobileRegistrationContext	MoRC_Main_v21	eventsAndPhases
MoRC_Main_v21  MoRC_Main_v22  MORC_M	MoRC_Main_v21	reset
MoRC_Main_v21 mode  MoRC_Main_v21 mode  MoRC_Main_v21 level  MoRC_Main_v21 mobileRegistrationContext  MoRC_Main_v21 mobileConnectionContext  MoRC_Main_v21 currentTime  MoRC_Main_v21 t_train  MoRC_Main_v21 configData  MoRC_Main_v21 configData  MoRC_Main_v22 eventsAndPhases  MoRC_Main_v22 reset  MoRC_Main_v22 msg_in  MoRC_Main_v22 atPowerUpRadioNetworkID  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mode  MoRC_Main_v22 mobileRegistrationContext	MoRC_Main_v21	msg_in
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MoRC_Main_v22         mode           MoRC_Main_v22         level           MoRC_Main_v22         mobileRegistrationContext	MoRC_Main_v22	atPowerUpRadioNetworkID
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	MoRC_Main_v22	level
	MoRC_Main_v22	mobileRegistrationContext
	MoRC_Main_v22	
MoRC_Main_v22 currentTime	MoRC_Main_v22	currentTime

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F2.13 manageTIU_output in_passenger_door_control_info F2.13 manageTIU_output in_change_of_allowed_current_consumption bothBrakesActive speedSupbrakeCommand bothBrakesActive levelBrakeCommand getTIUStatusFromCommand in_lsolationStatus getTIUStatusFromCommand in_brake_command handleTraction in_train_commands handleTraction inModeLevel mapModeToTractionCutOff inModeLevel TIU_OutputIntegration in_lsolationStatus TIU_OutputIntegration SpeedSup_brakeCommand TIU_OutputIntegration in_brake_inhibition TIU_OutputIntegration in_train_commands TIU_OutputIntegration in_train_commands TIU_OutputIntegration in_train_commands TIU_OutputIntegration in_brake_inhibition in_train_commands TIU_OutputIntegration in_passenger_door_control_info	F2.13 manageTIU_output	in_brake_inhibition
F2.13 manageTIU_output in_change_of_allowed_current_consumption bothBrakesActive speedSupbrakeCommand bothBrakesActive levelBrakeCommand getTIUStatusFromCommand in_lsolationStatus getTIUStatusFromCommand in_brake_command handleTraction in_train_commands handleTraction inModeLevel mapModeToTractionCutOff inModeLevel TIU_OutputIntegration in_lsolationStatus TIU_OutputIntegration SpeedSup_brakeCommand TIU_OutputIntegration in_brake_inhibition TIU_OutputIntegration in_train_commands TIU_OutputIntegration in_train_commands TIU_OutputIntegration in_change_traction_system TIU_OutputIntegration in_passenger_door_control_info	F2.13 manageTIU_output	in_change_traction_system
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getTIUStatusFromCommand       in_IsolationStatus         getTIUStatusFromCommand       in_brake_command         handleTraction       in_train_commands         handleTraction       inModeLevel         mapModeToTractionCutOff       inModeLevel         TIU_OutputIntegration       in_IsolationStatus         TIU_OutputIntegration       SpeedSup_brakeCommand         TIU_OutputIntegration       in_brake_inhibition         TIU_OutputIntegration       in_train_commands         TIU_OutputIntegration       in_change_traction_system         TIU_OutputIntegration       in_passenger_door_control_info	bothBrakesActive	speedSupbrakeCommand
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handleTraction       in_train_commands         handleTraction       inModeLevel         mapModeToTractionCutOff       inModeLevel         TIU_OutputIntegration       in_IsolationStatus         TIU_OutputIntegration       SpeedSup_brakeCommand         TIU_OutputIntegration       in_brake_inhibition         TIU_OutputIntegration       in_train_commands         TIU_OutputIntegration       in_change_traction_system         TIU_OutputIntegration       in_passenger_door_control_info	getTIUStatusFromCommand	in_IsolationStatus
handleTraction       inModeLevel         mapModeToTractionCutOff       inModeLevel         TIU_OutputIntegration       in_IsolationStatus         TIU_OutputIntegration       SpeedSup_brakeCommand         TIU_OutputIntegration       in_brake_inhibition         TIU_OutputIntegration       in_train_commands         TIU_OutputIntegration       in_change_traction_system         TIU_OutputIntegration       in_passenger_door_control_info	getTIUStatusFromCommand	in_brake_command
mapModeToTractionCutOff       inModeLevel         TIU_OutputIntegration       in_IsolationStatus         TIU_OutputIntegration       SpeedSup_brakeCommand         TIU_OutputIntegration       in_brake_inhibition         TIU_OutputIntegration       in_train_commands         TIU_OutputIntegration       in_change_traction_system         TIU_OutputIntegration       in_passenger_door_control_info	handleTraction	in_train_commands
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TIU_OutputIntegration in_train_commands  TIU_OutputIntegration in_change_traction_system  TIU_OutputIntegration in_passenger_door_control_info	TIU_OutputIntegration	SpeedSup_brakeCommand
TIU_OutputIntegration in_change_traction_system TIU_OutputIntegration in_passenger_door_control_info	TIU_OutputIntegration	in_brake_inhibition
TIU_OutputIntegration in_passenger_door_control_info	TIU_OutputIntegration	in_train_commands
	TIU_OutputIntegration	in_change_traction_system
TIU_OutputIntegration in_change_of_allowed_current_consumption	TIU_OutputIntegration	in_passenger_door_control_info
	TIU_OutputIntegration	in_change_of_allowed_current_consumption

Owner	Port
TIU_OutputIntegration	inModeAndLevel
F2.11 manageDMI_Output	dmi_dynamic
F2.11 manageDMI_Output	dmi_menuRequest
F2.11 manageDMI_Output	dmi_evc_coded_train_data
F2.11 manageDMI_Output	dmi_text_message
F2.11 manageDMI_Output	evc_systemVersion
F2.11 manageDMI_Output	dmi_displayControl
F2.11 manageDMI_Output	dmi_EVC_levelData
F2.11 manageDMI_Output	dmi_EVC_radioNet
F2.11 manageDMI_Output	dmi_driverIdentifier
F2.11 manageDMI_Output	dmi_trainRunningNumber
F2.11 manageDMI_Output	dmi_trainData
F2.11 manageDMI_Output	dmi_adhesionFactor
F2.11 manageDMI_Output	dmi_iconRequest
F2.11 manageDMI_Output	inSystemTime
F2.11 manageDMI_Output	inNationalValues
F2.11 manageDMI_Output	inMovementAuthority
F2.11 manageDMI_Output	dmi_EVC_levelList
calcDistances1	inTrainPosition
collectDMIPackets1	TIU_TrainStatus
collectDMIPackets1	dmi_dynamic
collectDMIPackets1	dmi_menuRequest
collectDMIPackets1	dmi_entryRequest
collectDMIPackets1	dmi_evc_coded_train_data
collectDMIPackets1	dmi_text_message
collectDMIPackets1	dmi_trackDescription
collectDMIPackets1	dmi_identifierRequest
collectDMIPackets1	dmi_systemVersion
collectDMIPackets1	dmi_displayControl
collectDMIPackets1	dmi_EVC_levelData
collectDMIPackets1	dmi_EVC_radioNet
collectDMIPackets1	dmi_driverIdentifier
collectDMIPackets1	dmi_trainRunningNumber
collectDMIPackets1	dmi_trainData
collectDMIPackets1	dmi_adhesionFactor
collectDMIPackets1	dmi_iconRequest
collectDMIPackets1	systemTime
convert_cm_s_km_h1	cm_s
copyGradientElement1	dmiUpdateLevelsDMI
copyGradientElement1	dmi_fromBG
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Owner	Port
copyGradientElement1	incurrentDMIStatus
copyGradientElement1	inSystemTime
copyGradientElement1	TIU_TrainStatus
copyGradientElement1	inOdometry
copyGradientElement1	inTrainPosition
copyGradientElement1	inBrakeCommand
copyGradientElement1	inSpeedSupervision
copyGradientElement1	inModeAndLevel
copyGradientElement1	inNationalValues
copyGradientElement1	inMovementAuthority
copyGradientElement1	inRadioConnectionStatus
copyGradientElement1	trainDataFromEVC
copyGradientElement1	dmi_entryRequest
copyGradientElement1	dmi_evc_coded_train_data
copyGradientElement1	dmi_trackDescription
copyGradientElement1	dmi_identifierRequest
copyGradientElement1	dmi_displayControl
copyGradientElement1	dmi_EVC_levelList
copyGradientElement1	dmi_EVC_radioNet
copyGradientElement1	dmi_driverIdentifier
copyGradientElement1	dmi_trainRunningNumber
copyGradientElement1	dmi_adhesionFactor
copyGradientElement1	dmi_fromModesAndLevel
copyGradientElement1	inNTC
copyGradientElement1	inStatusList
copyGradientElement1	index
copyGradientElement1	fromTrackAtlas
copySpeedProfileElement1	index
copySpeedProfileElement1	fromTrackAtlas
copyTrackDescription1	fromTrackAtlas
copyTrackDescription1	inSystemTime
cyclicReportToDMI1	incurrentDMIStatus
cyclicReportToDMI1	inSystemTime
cyclicReportToDMI1	inOdometry
cyclicReportToDMI1	inTrainPosition
cyclicReportToDMI1	inSpeedSupervision
cyclicReportToDMI1	inModeAndLevel
cyclicReportToDMI1	inNationalValues
cyclicReportToDMI1	inMovementAuthority
cyclicReportToDMI1	inMoRC_status

cyclicReportToDMI1 doEntryRequest1 doEntryRequest1 doldentifierRequest1 doldentifierRequest1 doldentifierRequest1	inNTC  dmi_entryRequest  inSystemTime  TIU_TrainStatus  inSystemTime  ownVersion
doEntryRequest1 doIdentifierRequest1 doIdentifierRequest1	inSystemTime TIU_TrainStatus inSystemTime
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isSendingNeeded1	inSystemTime
isSendingNeeded1	incurrentDMIStatus
mapEntryForLevel1	dmi_entryRequest
mapMoRCtoRadio_CS1	inMoRC_status
sendBrakesToDMI1	brakeCommand
sendBrakesToDMI1	inSystemTime
sendDynamic1	inSystemTime
sendDynamic1	inOdometry
sendDynamic1	inTrainPosition
sendDynamic1	inSpeedSupervision
sendDynamic1	inModeLevel_Ack
sendDynamic1	inNationalValues
sendDynamic1	inMoRC_status
sendDynamic1	inNTC
sendDynamic1	inModeAndLevel
sendDynamic1	inMovementAuthority
sendLevelListPkg1	UpdateLevelsRequested
sendLevelListPkg1	levelList
sendLevelListPkg1	inSystemTime
sendTrainData1	inSystemTime
sendTrainData1	trainDataFromEVC
sendVersion1	ownVersion
sendVersion1	dmiStatus
sendVersion1	inSystemTime
synchWithDMI1	outputStatus
synchWithDMI1	dmi_identifierRequest
synchWithDMI1	TIU_TrainStatus
synchWithDMI1	systemTime
F2.3 trainData	MessageBus
F2.3 trainData	inVersion
trainDataStorage	actualStatus
sendAcknowledgementRBC	actualStatus
sendAcknowledgementRBC	inVersion
checkRadioMessages	actualStatus

sendValidTrainDataRBC sendValidTrainDataRBC F2.6 calculateTrainPosition F2.6 or passedBG linkedBG missed linkedBGs_missed ltwoConsecutiveLinkedBGs_missed ltwoConsecutiveLinkedBGs_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConsecutiveLinkedBGg_ltwoConse	Owner	Port
F2.6 calculateTrainPosition linkedBG_missed linkedBG_missed position linkedBG_missed BGs_in twoConsecutiveLinkedBGs_missed twoConsecutiveLinkedBGs_missed passedBG twoConsecutiveLinkedBGs_missed passedBG twoConsecutiveLinkedBGs_missed missed missed twoConsecutiveLinkedBGs_missed missed mis	sendValidTrainDataRBC	actualStatus
linkedBG_missed position  linkedBG_missed BGs in  twoConsecutiveLinkedBGs_missed reset  twoConsecutiveLinkedBGs_missed passedBG  twoConsecutiveLinkedBGs_missed passedBG  twoConsecutiveLinkedBGs_missed magFromTrack  twoConsecutiveLinkedBGs_missed magFromTrack  twoConsecutiveLinkedBGs_missed missed  twoConsecutiveLinkedBGs_missed missedLinkedBG  addAnnouncedBGs passedBG  addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addIssedBGLocations addIssedBGLocations alsatBGs  calculateBGLocations passedBG  calculateBGLocations alsatBGs  calculateBGLocations trainProperties  calculateTrainpositionAttributes addIssedBGG addIssedBGG addIssedBGGG addIssedBGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	sendValidTrainDataRBC	inVersion
linkedBG_missed BGs_in twoConsecutiveLinkedBGs_missed reset twoConsecutiveLinkedBGs_missed passedBG twoConsecutiveLinkedBGs_missed passedBG twoConsecutiveLinkedBGs_missed missed twoConsecutiveLinkedBGs_missed missed twoConsecutiveLinkedBGs_missed missed twoConsecutiveLinkedBGs_missed missed twoConsecutiveLinkedBGs_missed missed passedBG addAnnouncedBGs addIdEGG_cations reset calculateBGLocations passedBG calculateBGLocations passedBG calculateBGLocations addIdEGG_cations atrainProperties calculateTrainpositionAttributes atrainProperties calculateTrainpositionAttributes atrainProperties calculateTrainpositionAttributes atrainProperties calculateTrainpositionAttributes atrainProperties calculateTrainPositionInfo recalculateBGs calculateTrainPositionInfo recalculateBGs calculateTrainPositionInfo aclculateTrainPositionInfo ac	F2.6 calculateTrainPosition	passedBG
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twoConsecutiveLinkedBGs_missed passedBG twoConsecutiveLinkedBGs_missed msgFromTrack twoConsecutiveLinkedBGs_missed missed twoConsecutiveLinkedBGs_missed missed twoConsecutiveLinkedBGs_missed missed twoConsecutiveLinkedBGs_missed missedLinkedBG addAnnouncedBGs passedBG addAnnouncedBGs BGs_in addAnnouncedBGs BGs_in addAnnouncedBGs trainProperties calculateBGLocations reset calculateBGLocations passedBG calculateBGLocations lastBGs calculateBGLocations trainProperties calculateTrainpositionAttributes trainPositionInfo calculateTrainpositionAttributes currentOdometry calculateTrainpositionAttributes trainProperties calculateTrainpositionAttributes calculateTrainpositionInfo calculateTrainpositionInfo reset calculateTrainPositionInfo geset calculateTrainPositionInfo passedBG delDispensableBGs deleteBG delDispensableBGs deleteBG delDispensableBGs MemorizedLevelIn liput Data_From_DMI liput Data_From_Track_Messages liput Data_From_Track_Messages liput Data_From_STM liput Data_From_STM liput Data_From_STM	linkedBG_missed	position
twoConsecutiveLinkedBGs_missed twoConsecutiveLinkedBGs_missed missed missed twoConsecutiveLinkedBGs_missed missed mised missed m	linkedBG_missed	BGs_in
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addAnnouncedBGs BGs_in addAnnouncedBGs trainProperties calculateBGLocations reset calculateBGLocations passedBG calculateBGLocations lastBGs calculateBGLocations trainProperties calculateTrainpositionAttributes trainProperties calculateTrainpositionAttributes currentOdometry calculateTrainpositionAttributes trainPositionInfo calculateTrainpositionAttributes currentOdometry calculateTrainpositionInfo reset calculateTrainPositionInfo reset calculateTrainPositionInfo BGs calculateTrainPositionInfo passedBG delDispensableBGs delDispensableBGs BGs_in msg_2_passedBG msgFromTrack F2.5 ManageLevelAndMode Data_From_Speed_and_Supervision F2.5 ManageLevelAndMode MemorizedLevelIn liput Data_From_DMI liput Data_From_Track_Messages liput Data_From_Track_Messages liput Data_From_Track_Packets liput Data_From_Track_Packets liput Data_From_Track_Packets liput Data_From_Track_Packets liput Data_From_Track_Data_From_STM liput Data_From_Track_Data_From_STM liput Data_From_Track_Data_From_STM liput Data_From_Track_Data_From_STM liput Data_From_Track_Data_From_STM liput Data_From_Track_Data_From_STM liput Data_From_DCocalisation	twoConsecutiveLinkedBGs_missed	missed
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addAnnouncedBGS trainProperties calculateBGLocations reset calculateBGLocations passedBG calculateBGLocations lastBGs calculateBGLocations trainProperties calculateTrainpositionAttributes trainProperties calculateTrainpositionAttributes currentOdometry calculateTrainpositionAttributes trainProperties calculateTrainpositionAttributes currentOdometry calculateTrainpositionInfo reset calculateTrainPositionInfo reset calculateTrainPositionInfo currentOdometry calculateTrainPositionInfo passedBG delDispensableBGS deleteBG delDispensableBGS BGs_in msg_2_passedBG msgFromTrack F2.5 ManageLevelAndMode Data_From_Speed_and_Supervision F2.5 ManageLevelAndMode MemorizedLevelIn lnput Data_From_DMI lnput Data_From_Track_Messages lnput Data_From_Track_Packets	addAnnouncedBGs	passedBG
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calculate TrainpositionAttributes calculate TrainpositionAttributes calculate TrainpositionAttributes calculate TrainpositionAttributes calculate TrainpositionInfo BGS calculate TrainpositionInfo passed BG del Dispensable BGS del Dispensable BGS del Dispensable BGS del Dispensable BGS msg 2 passed BG msg 2 passed BG F2.5 Manage Level And Mode Pata From Speed and Supervision F2.5 Manage Level And Mode Input Data From DMI Input Data From Track Messages Input Data From Track Packets Input Data From STM Input Data From STM Input Data From Localisation	calculateBGLocations	lastBGs
calculateTrainpositionAttributes calculateTrainpositionAttributes trainProperties calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo delDispensableBGs delDispensableBGs delDispensableBGs delDispensableBGs delDispensableBGs f2.5 ManageLevelAndMode F2.5 ManageLevelAndMode Input Data_From_Speed_and_Supervision F2.5 ManageLevelAndMode Input Data_From_DMI Input Data_From_TIU Data_From_TIU Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation	calculateBGLocations	trainProperties
calculateTrainpositionAttributes calculateTrainpositionAttributes trainProperties calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo delDispensableBGs delDispensableBGs delDispensableBGs delDispensableBGs delDispensableBGs f2.5 ManageLevelAndMode F2.5 ManageLevelAndMode Input Data_From_Speed_and_Supervision F2.5 ManageLevelAndMode Input Data_From_DMI Input Data_From_TIU Data_From_TIU Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation	calculateTrainpositionAttributes	trainPositionInfo
calculateTrainPositionInfo       recalculateBGs         calculateTrainPositionInfo       reset         calculateTrainPositionInfo       currentOdometry         calculateTrainPositionInfo       BGs         calculateTrainPositionInfo       passedBG         delDispensableBGs       deleteBG         delDispensableBGs       BGs_in         msg_2_passedBG       msgFromTrack         F2.5 ManageLevelAndMode       Data_From_Speed_and_Supervision         F2.5 ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_TIU         Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Localisation	calculateTrainpositionAttributes	currentOdometry
calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo calculateTrainPositionInfo BGs calculateTrainPositionInfo BGs calculateTrainPositionInfo passedBG delDispensableBGs delDispensableBGs delDispensableBGs BGs_in msg_2_passedBG msgFromTrack F2.5 ManageLevelAndMode Data_From_Speed_and_Supervision F2.5 ManageLevelAndMode Input Data_From_DMI Data_From_TIU Data_From_TIU Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation	calculateTrainpositionAttributes	trainProperties
calculateTrainPositionInfo       currentOdometry         calculateTrainPositionInfo       BGs         calculateTrainPositionInfo       passedBG         delDispensableBGs       deleteBG         delDispensableBGs       BGs_in         msg_2_passedBG       msgFromTrack         F2.5 ManageLevelAndMode       Data_From_Speed_and_Supervision         F2.5 ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_TIU         Input       Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Localisation	calculateTrainPositionInfo	recalculateBGs
calculateTrainPositionInfo       BGs         calculateTrainPositionInfo       passedBG         delDispensableBGs       deleteBG         delDispensableBGs       BGs_in         msg_2_passedBG       msgFromTrack         F2.5 ManageLevelAndMode       Data_From_Speed_and_Supervision         F2.5 ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_TIU         Input       Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Localisation	calculateTrainPositionInfo	reset
calculateTrainPositionInfo       passedBG         delDispensableBGs       deleteBG         delDispensableBGs       BGs_in         msg_2_passedBG       msgFromTrack         F2.5 ManageLevelAndMode       Data_From_Speed_and_Supervision         F2.5 ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_TIU         Input       Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Localisation	calculateTrainPositionInfo	currentOdometry
delDispensableBGs       deleteBG         delDispensableBGs       BGs_in         msg_2_passedBG       msgFromTrack         F2.5 ManageLevelAndMode       Data_From_Speed_and_Supervision         F2.5 ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_TIU         Input       Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Localisation	calculateTrainPositionInfo	BGs
delDispensableBGs       BGs_in         msg_2_passedBG       msgFromTrack         F2.5 ManageLevelAndMode       Data_From_Speed_and_Supervision         F2.5 ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_TIU         Input       Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Localisation	calculateTrainPositionInfo	passedBG
msg_2_passedBG F2.5 ManageLevelAndMode Data_From_Speed_and_Supervision F2.5 ManageLevelAndMode MemorizedLevelIn Input Data_From_DMI Input Data_From_TIU Input Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation	delDispensableBGs	deleteBG
F2.5 ManageLevelAndMode Data_From_Speed_and_Supervision F2.5 ManageLevelAndMode MemorizedLevelIn  Input Data_From_DMI  Input Data_From_TIU  Input Data_From_Track_Messages  Input Data_From_Track_Packets  Input Data_From_STM  Input Data_From_Localisation	delDispensableBGs	BGs_in
F2.5 ManageLevelAndMode MemorizedLevelIn  Input Data_From_DMI  Input Data_From_TIU  Input Data_From_Track_Messages  Input Data_From_Track_Packets  Input Data_From_STM  Input Data_From_Localisation	msg_2_passedBG	msgFromTrack
Input Data_From_DMI Input Data_From_TIU Input Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation	F2.5 ManageLevelAndMode	Data_From_Speed_and_Supervision
Input Data_From_TIU Input Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation	F2.5 ManageLevelAndMode	MemorizedLevelIn
Input Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation	Input	Data_From_DMI
Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation	Input	Data_From_TIU
Input Data_From_STM Input Data_From_Localisation	Input	Data_From_Track_Messages
Input Data_From_Localisation	Input	Data_From_Track_Packets
·	Input	Data_From_STM
	Input	Data_From_Localisation
input Data_From_opeed_and_oupervision	Input	Data_From_Speed_and_Supervision
Input Data_From_F2_Functions		Data_From_F2_Functions
Input Cab_In		Cab_In

driver_level_transition_In
ERTMS_capabilities_In
startOfMissionEnded
Data_From_Track_MASSPGradient
trainStandstill
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Data_From_DMI
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needsAckFromDriver
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Owner	Port
TrackAtlasETCS	ModeAndLevel_in
TrackAtlasETCS	TrainPositionIn
TrackAtlasETCS	train_length
TrackAtlasETCS	SystemTime
TrackAtlasETCS	preindicationLocation
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TrackAtlasETCS	trainProps
TrackAtlasETCS	packet0
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TrackAtlasETCS	t_train
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TrackAtlasETCS	PermanentDataP003
TrackAtlasETCS	bus_in
F2.9 MoRC_Main	obuEventsAndPhases
F2.9 MoRC_Main	radioNetworkIDs
F2.9 MoRC_Main	statusOfMobile
F2.9 MoRC_Main	connectionStatusTimerInterval
F2.9 MoRC_Main	currentTime
F2.9 MoRC_Main	mode
F2.9 MoRC_Main	level
F2.9 MoRC_Main	inMessage_new
F2.9 MoRC_Main	t_train
F2.9 MoRC_Main	t_train_global
F2.9 MoRC_Main	msgBus_in
F2.9 MoRC_Main	nid_engine
F2.9 MoRC_Main	onboardPhoneNumbers
F2.9 MoRC_Main	onboardPhoneNumbers_b
F2.9 MoRC_Main	m_version
MoRC_HO	reset
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MoRC_HO	eventsAndPhases
MoRC_HO	atPowerUpRadioNetworkID
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MoRC_HO	mobileRegistrationContext_1
MoRC_HO	mobileRegistrationContext_2
MoRC_HO	mobileConnectionContext_1
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MoRC_HO	dataFromTrack_in
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MoRC_HO MoRC_HO MoRC_HO	trainPosition BGs
MoRC_HO	BGs
	t_train
MoRC_HO	currentTime
MoRC_HO	sessionManagementAbility
MoRC_HO	trainProperties
MoRC_HO	configData
MoRC_HO	t_train_global
MoRC_HO	onboardPhoneNumbers_b
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processHandingOver	sessionManagementAbility
processHandingOver	mode
processHandingOver	morcStatus_1
processHandingOver	morcStatus_2
processHandingOver	dataFromTrack_in
processHandingOver	trainPosition
processHandingOver	BGs
processHandingOver	trainProperties
MoRC_Main_v21	eventsAndPhases
MoRC_Main_v21	reset
MoRC_Main_v21	msg_in
MoRC_Main_v21	atPowerUpRadioNetworkID
MoRC_Main_v21	newRadioNetworkIDFromDriver
MoRC_Main_v21	mode
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MoRC_Main_v21	mobileRegistrationContext
MoRC_Main_v21	mobileConnectionContext
MoRC_Main_v21	currentTime
MoRC_Main_v21	t_train
MoRC_Main_v21	configData
MoRC_Main_v22	eventsAndPhases
MoRC_Main_v22	reset
MoRC_Main_v22	msg_in
MoRC_Main_v22	atPowerUpRadioNetworkID
MoRC_Main_v22	newRadioNetworkIDFromDriver
MoRC_Main_v22	mode
MoRC_Main_v22	level
MoRC_Main_v22	mobileRegistrationContext
MoRC_Main_v22	mobileConnectionContext
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MoRC_Main_v22	t_train
MoRC_Main_v22	configData
mobileDataRouter_out	useInformationFromAcceptingRBC
mobileDataRouter_out	handingOverRBC_is_RBC_1
mobileDataRouter_out	sendPositionReport_2_acceptingRBC
mobileDataRouter_out	sendPositionReport_2_handingOverRBC
mobileDataRouter_out	sendPositionReport_2_RBC_1
mobileDataRouter_out	sendPositionReport_2_RBC_2
mobileDataRouter_out	sendTrainData_2_acceptingRBC
mobileDataRouter_out	sessionManagementAbility
mobileDataRouter_out	dataToRBC
mobileDataRouter_out	positionReport_in
mobileDataRouter_out	trainData_in
mobileDataRouter_out	morcMsgToRBC_1
mobileDataRouter_out	morcMsgToRBC_2
SpeedSupervision_Integration	NationalValues
SpeedSupervision_Integration	TrainPosition
SpeedSupervision_Integration	odometry
SpeedSupervision_Integration	trainProps
SpeedSupervision_Integration	trainData
SpeedSupervision_Integration	dataFromTrackAtlas
SpeedSupervision_Integration	Service_brake_requested_by_modes_and_levels
SpeedSupervision_Integration	Emergency_brake_requested_by_modes_and_levels
Commands	trainLocations
manageTIU_input	inTIUfromAPI
manageTIU_input	evc_trainData
getTIUStatusFromData	inTIUActualData
mergeTIU_Info	newInfo
mergeTIU_Info	storedInfo
mergeTIU_Info	EVC_trainData
selectTrainData	newTIUTrainData
selectTrainData	EVC_trainData
Master_Procedure	statusDMI_from_DMI
Master_Procedure	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
Master_Procedure	systemtime
Master_Procedure	StatusModeandLevel_from_Level_and_Mode_Management
Master_Procedure	mobileStatus
Master_Procedure	statusRBCSessioneEstabilished_status_from_MoRC
Master_Procedure	cabStatus_from_TIU
Master_Procedure	statusValid_Position_from_Position_Calculation

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Master_Procedure	status_DMIlevel_from_DMI
Master_Procedure	LevelValid_from_Level_and_Mode_Management
SoM_NTC_SN	Status_Mode_Change_from_Level_and_Mode_Management
SoM_SR_FS_OS_LS_SH_SN_UN	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
SoM_SR_FS_OS_LS_SH_SN_UN	Status_Mode_Change_from_Level_and_Mode_Management
manageDMI_Input	dmiStatusReset
manageDMI_Input	fromDMI
manageDMI_Input	inSystemTime
manageDMI_Input	lasttNTC
changeLevelByDiver1	levelData
changeLevelByDiver1	lasttNTC
doDriverRequests1	inDriverRequest
receiveRequestsModesAndLevel1	fromDMI_driverRequest
receiveRequestsModesAndLevel1	fromDMI_lcon_Ack
receiveRequestsModesAndLevel1	fromDMI_TextMsg_Ack
receiveRequestsModesAndLevel1	inSystemTime
receiveRequestsModesAndLevel1	inStatusList
triggerForMA1	fromDMI_driverRequest
updateDMIStatus1	sndValidationRequested
updateDMIStatus1	oldStatus
updateDMIStatus1	fromDMI
Abstract	API_fromAPI
Abstract	dmiStatusReset
Abstract	InSystemTime
CheckBGConsistency	storedBGs
CheckBGConsistency	trainPosition
CheckBGConsistency	mMode
CheckBGConsistency	trackSide_ForCheck
CheckBGConsistency	q_nvlocacc
CheckBGConsistency	trainVersion
CaseLinkingInUse1	storedBGs
CaseLinkingInUse1	q_nvlocacc
CaseLinkingNotInUse1	q_nvlocacc
manageDMI_Output	TIU_TrainStatus
manageDMI_Output	dmi_dynamic
manageDMI_Output	dmi_menuRequest
manageDMI_Output	dmi_entryRequest
manageDMI_Output	dmi_evc_coded_train_data
manageDMI_Output	dmi_text_message
manageDMI_Output	dmi_trackDescription

manageDMI_Output	
	evc_systemVersion
manageDMI_Output	dmi_displayControl
manageDMI_Output	dmi_EVC_levelData
manageDMI_Output	dmi_EVC_radioNet
manageDMI_Output	dmi_driverIdentifier
manageDMI_Output	dmi_trainRunningNumber
manageDMI_Output	dmi_trainData
manageDMI_Output	dmi_adhesionFactor
manageDMI_Output	dmi_iconRequest
manageDMI_Output	inSystemTime
manageDMI_Output	inSystemTime
manageDMI_Output	inOdometry
manageDMI_Output	inTrainPosition
manageDMI_Output	inBrakeCommand
manageDMI_Output	inSpeedSupervision
manageDMI_Output	inModeAndLevel
manageDMI_Output	inNationalValues
manageDMI_Output	inMovementAuthority
manageDMI_Output	trainDataFromEVC
manageDMI_Output	dmi_EVC_levelList
manageDMI_Output	dmi_fromBG
manageDMI_Output	announcedLevel
manageDMI_Output	inModeLevel_Ack
manageDMI_Output	inMoRC_status
calcDistances1	inTrainPosition
collectDMIPackets1	TIU_TrainStatus
collectDMIPackets1	dmi_dynamic
collectDMIPackets1	dmi_menuRequest
collectDMIPackets1	dmi_entryRequest
collectDMIPackets1	dmi_evc_coded_train_data
collectDMIPackets1	dmi_text_message
collectDMIPackets1	dmi_trackDescription
collectDMIPackets1	dmi_identifierRequest
collectDMIPackets1	dmi_systemVersion
collectDMIPackets1	dmi_displayControl
collectDMIPackets1	dmi_EVC_levelData
collectDMIPackets1	dmi_EVC_radioNet
collectDMIPackets1	dmi_driverIdentifier
collectDMIPackets1	dmi_trainRunningNumber
collectDMIPackets1	dmi_trainData

collectDMIPackets1       dmi_adhesionFactor         collectDMIPackets1       systemTime         convert_cm_s_km_h1       cm_s         copyGradientElement1       dmiUpdateLevelsDMI         copyGradientElement1       dmi_fromBG         copyGradientElement1       incurrentDMIStatus         copyGradientElement1       inSystemTime         copyGradientElement1       TIU_TrainStatus         copyGradientElement1       inTrainPosition         copyGradientElement1       inBrakeCommand         copyGradientElement1       inSpeedSupervision         copyGradientElement1       inSpeedSupervision         copyGradientElement1       inModeAndLevel	
collectDMIPackets1       systemTime         convert_cm_s_km_h1       cm_s         copyGradientElement1       dmiUpdateLevelsDMI         copyGradientElement1       dmi_fromBG         copyGradientElement1       incurrentDMIStatus         copyGradientElement1       TIU_TrainStatus         copyGradientElement1       inOdometry         copyGradientElement1       inTrainPosition         copyGradientElement1       inBrakeCommand         copyGradientElement1       inSpeedSupervision	
convert_cm_s_km_h1 cm_s copyGradientElement1 dmiUpdateLevelsDMI copyGradientElement1 dmi_fromBG copyGradientElement1 incurrentDMIStatus copyGradientElement1 inSystemTime copyGradientElement1 TIU_TrainStatus copyGradientElement1 inOdometry copyGradientElement1 inTrainPosition copyGradientElement1 inBrakeCommand copyGradientElement1 inSpeedSupervision	
copyGradientElement1       dmiUpdateLevelsDMI         copyGradientElement1       dmi_fromBG         copyGradientElement1       incurrentDMIStatus         copyGradientElement1       inSystemTime         copyGradientElement1       TIU_TrainStatus         copyGradientElement1       inOdometry         copyGradientElement1       inTrainPosition         copyGradientElement1       inBrakeCommand         copyGradientElement1       inSpeedSupervision	
copyGradientElement1       dmi_fromBG         copyGradientElement1       incurrentDMIStatus         copyGradientElement1       inSystemTime         copyGradientElement1       TIU_TrainStatus         copyGradientElement1       inOdometry         copyGradientElement1       inTrainPosition         copyGradientElement1       inBrakeCommand         copyGradientElement1       inSpeedSupervision	
copyGradientElement1 incurrentDMIStatus copyGradientElement1 inSystemTime copyGradientElement1 TIU_TrainStatus copyGradientElement1 inOdometry copyGradientElement1 inTrainPosition copyGradientElement1 inBrakeCommand copyGradientElement1 inSpeedSupervision	
copyGradientElement1 inSystemTime copyGradientElement1 TIU_TrainStatus copyGradientElement1 inOdometry copyGradientElement1 inTrainPosition copyGradientElement1 inBrakeCommand copyGradientElement1 inSpeedSupervision	
copyGradientElement1       TIU_TrainStatus         copyGradientElement1       inOdometry         copyGradientElement1       inTrainPosition         copyGradientElement1       inBrakeCommand         copyGradientElement1       inSpeedSupervision	
copyGradientElement1 inOdometry copyGradientElement1 inTrainPosition copyGradientElement1 inBrakeCommand copyGradientElement1 inSpeedSupervision	
copyGradientElement1 inTrainPosition copyGradientElement1 inBrakeCommand copyGradientElement1 inSpeedSupervision	
copyGradientElement1 inBrakeCommand copyGradientElement1 inSpeedSupervision	
copyGradientElement1 inSpeedSupervision	
convCradiontElement1	
copyGradientElement1 inModeAndLevel	
copyGradientElement1 inNationalValues	
copyGradientElement1 inMovementAuthority	
copyGradientElement1 inRadioConnectionStatus	
copyGradientElement1 trainDataFromEVC	
copyGradientElement1 dmi_entryRequest	
copyGradientElement1 dmi_evc_coded_train_data	
copyGradientElement1 dmi_trackDescription	
copyGradientElement1 dmi_identifierRequest	
copyGradientElement1 dmi_displayControl	
copyGradientElement1 dmi_EVC_levelList	
copyGradientElement1 dmi_EVC_radioNet	
copyGradientElement1 dmi_driverIdentifier	
copyGradientElement1 dmi_trainRunningNumber	
copyGradientElement1 dmi_adhesionFactor	
copyGradientElement1 dmi_fromModesAndLevel	
copyGradientElement1 inNTC	
copyGradientElement1 inStatusList	
copyGradientElement1 index	
copyGradientElement1 fromTrackAtlas	
copySpeedProfileElement1 index	
copySpeedProfileElement1 fromTrackAtlas	
copyTrackDescription1 fromTrackAtlas	
copyTrackDescription1 inSystemTime	
cyclicReportToDMI1 incurrentDMIStatus	
cyclicReportToDMI1 inSystemTime	
cyclicReportToDMI1 inOdometry	

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cyclicReportToDMI1	inTrainPosition
cyclicReportToDMI1	inSpeedSupervision
cyclicReportToDMI1	inModeAndLevel
cyclicReportToDMI1	inNationalValues
cyclicReportToDMI1	inMovementAuthority
cyclicReportToDMI1	inMoRC_status
cyclicReportToDMI1	inNTC
doEntryRequest1	dmi_entryRequest
doEntryRequest1	inSystemTime
doldentifierRequest1	TIU_TrainStatus
doldentifierRequest1	inSystemTime
doldentifierRequest1	ownVersion
isSendingNeeded1	inSystemTime
isSendingNeeded1	incurrentDMIStatus
mapEntryForLevel1	dmi_entryRequest
mapMoRCtoRadio_CS1	inMoRC_status
sendBrakesToDMI1	brakeCommand
sendBrakesToDMI1	inSystemTime
sendDynamic1	inSystemTime
sendDynamic1	inOdometry
sendDynamic1	inTrainPosition
sendDynamic1	inSpeedSupervision
sendDynamic1	inModeLevel_Ack
sendDynamic1	inNationalValues
sendDynamic1	inMoRC_status
sendDynamic1	inNTC
sendDynamic1	inModeAndLevel
sendDynamic1	inMovementAuthority
sendLevelListPkg1	UpdateLevelsRequested
sendLevelListPkg1	levelList
sendLevelListPkg1	inSystemTime
sendTrainData1	inSystemTime
sendTrainData1	trainDataFromEVC
sendVersion1	ownVersion
sendVersion1	dmiStatus
sendVersion1	inSystemTime
synchWithDMI1	outputStatus
synchWithDMI1	dmi_identifierRequest
synchWithDMI1	TIU_TrainStatus
synchWithDMI1	systemTime

ManageLevelAndMode Data_From_DMI  ManageLevelAndMode Data_From_TIU  ManageLevelAndMode Data_From_TTU  ManageLevelAndMode Data_From_Track_Messages  ManageLevelAndMode Data_From_Track_Messages  ManageLevelAndMode Data_From_Speed_and_Supervision  ManageLevelAndMode Cab Impervision  ManageLevelAndMode Data_From_Speed_and_Supervision  ManageLevelAndMode driver_level_transition_In  ManageLevelAndMode driver_level_transition_In  ManageLevelAndMode Data_From_Track_MASSPGradient  ManageLevelAndMode Data_From_TZ_Functions  ManageLevelAndMode Data_From_STM ManageLevelAndMode Data_From_STM Input Data_From_DMI  Input Data_From_DMI  Input Data_From_TIU  Input Data_From_Track_Messages  Input Data_From_Track_Messages  Input Data_From_Track_Packets  Input Data_From_Localisation  Input Data_From_Localisation  Input Data_From_Speed_and_Supervision  Input Data_From_Speed_and_Supervision  Input Data_From_Speed_and_Supervision  Input Data_From_Speed_and_Supervision  Input Data_From_Speed_and_Supervision  Input Data_From_Speed_and_Supervision  Input Data_From_Track_Massages  Input Data_From_T	Owner	Port
ManageLevelAndMode         Data_From_Track_Messages           ManageLevelAndMode         Data_From_Track_Messages           ManageLevelAndMode         Data_From_Speed_and_Supervision           ManageLevelAndMode         Cab_In           ManageLevelAndMode         Grow_Income           ManageLevelAndMode         ERTMS_capabilities In           ManageLevelAndMode         Data_from_Track_MASSPGradient           ManageLevelAndMode         Data_from_Track_MASSPGradient           ManageLevelAndMode         Data_From_Track_MASSPGradient           ManageLevelAndMode         Data_From_Track_MASSPGradient           ManageLevelAndMode         Data_from_Track_MassPGradient           ManageLevelAndMode         MemorizedLevelIn           Input         Data_From_DMI           Input         Data_From_DMI           Input         Data_From_TIU           Input         Data_From_TTack_Messages           Input         Data_From_Track_Messages           Input         Data_From_Speed_and_Supervision           Input         Data_From_Fom_Fom_Fom_Fom_Fom_Fom_Fom_Fom_Fom_F	ManageLevelAndMode	Data_From_DMI
ManageLevelAndMode         Data_From_Track_Messages           ManageLevelAndMode         Data_From_Track_Packets           ManageLevelAndMode         Data_From_Speed_and_Supervision           ManageLevelAndMode         Cab_In           ManageLevelAndMode         driver_level_transition_In           ManageLevelAndMode         ERTMS_capabilities_In           ManageLevelAndMode         Data_from_Track_MASSPGradient           ManageLevelAndMode         Data_From_TF2_Functions           ManageLevelAndMode         Data_From_STM           ManageLevelAndMode         MemorizedLevelIn           Input         Data_From_DMI           Input         Data_From_TIM           Input         Data_From_TIM           Input         Data_From_TITack_Messages           Input         Data_From_TTack_Packets           Input         Data_From_Track_Packets           Input         Data_From_STM           Input         Data_From_Localisation           Input         Data_From_Localisation           Input         Data_From_Seed_and_Supervision           Input         Data_From_Seed_and_Supervision           Input         Cab_In           Input         Grab_In           Input         ERTMS_capabilities_In	ManageLevelAndMode	Data_From_Localisation
ManageLevelAndMode         Data_From_Track_Packets           ManageLevelAndMode         Data_From_Speed_and_Supervision           ManageLevelAndMode         Cab_In           ManageLevelAndMode         driver_level_transition_In           ManageLevelAndMode         ERTMS_capabilities_In           ManageLevelAndMode         Data_From_Track_MASSPGradient           ManageLevelAndMode         Data_From_STM           ManageLevelAndMode         Data_From_STM           ManageLevelAndMode         MemorizedLevelIn           Input         Data_From_DMI           Input         Data_From_Track_Messages           Input         Data_From_Fom_Fom_Track_Messages           Input         Data_From_Fom_Fom_Fom_Track_Messages           Input         Gab_In           Input         ERTMS_capabilities_In           Input         Bata_From_Track_Messages           Input         B	ManageLevelAndMode	Data_From_TIU
ManageLevelAndMode         Data_From_Speed_and_Supervision           ManageLevelAndMode         Cab_ In           ManageLevelAndMode         driver_level_transition_In           ManageLevelAndMode         ERTMS_capabilities_In           ManageLevelAndMode         Data_From_F2_Functions           ManageLevelAndMode         Data_From_F2_Functions           ManageLevelAndMode         Data_From_STM           ManageLevelAndMode         MemorizedLevelIn           Input         Data_From_DMI           Input         Data_From_DMI           Input         Data_From_Track_Messages           Input         Data_From_Track_Messages           Input         Data_From_Track_Messages           Input         Data_From_Track_Messages           Input         Data_From_Track_Messages           Input         Data_From_Track_Messages           Input         Data_From_STM           Input         Data_From_STM           Input         Data_From_STM           Input         Data_From_STM           Input         Cab_In           Input         Data_From_Speed_and_Supervision           Input         ERTMS_capabilities_In           Input         ERTMS_capabilities_In           Input         <	ManageLevelAndMode	Data_From_Track_Messages
ManageLevelAndMode       Cab_In         ManageLevelAndMode       driver_level_transition_In         ManageLevelAndMode       ERTMS_capabilities_In         ManageLevelAndMode       Data_from_Track_MASSPGradient         ManageLevelAndMode       Data_From_STM         ManageLevelAndMode       Data_From_STM         ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_DMI         Input       Data_From_TIU         Input       Data_From_Track_Messages         Input       Data_From_Track Messages         Input       Data_From_Track_Messages         Input       Data_From_Track_Messages         Input       Data_From_Track_Messages         Input       Data_From_Track_Messages         Input       Data_From_Track_Messages         Input       Data_From_Track_Messages         Input       Data_From_Stom_Stom         Input       Data_From_Stom_Stom         Input       Data_From_Track_Messages         Input       Data_From_Track_Messages         Input       Bata_From_Track_Messages         Input       Bata_From_Track_Messages         Input       Bata_From_Track_Messages         Input	ManageLevelAndMode	Data_From_Track_Packets
ManageLevelAndMode driver_level_transition_in ManageLevelAndMode Data_from_Track_MASSPGradient ManageLevelAndMode Data_from_T2_Functions ManageLevelAndMode Data_from_T2_Functions ManageLevelAndMode Data_from_STM ManageLevelAndMode MemorizedLevelIn Input Data_from_DMI Input Data_from_TIU Input Data_from_TTU Input Data_from_Track_Messages Input Data_from_Track_Packets Input Data_from_STM Input Data_from_Coalisation Input Data_from_Coalisation Input Data_from_STM Input Data_from_STM Input Data_from_STM Input Data_from_SEM Input Data_from_Seed_and_Supervision Input Data_from_P2_Functions Input Cab_in Input driver_level_transition_In Input BERTMS_capabilities_In Input Bata_from_Track_MASSPGradient ItrainStandstill ManageLevels driverLevelTransition ManageLevels TrainPosition ManageLevels ERTMS_capabilities ManageLevels Data_from_Track_ToLevel ManageLevels Data_from_Track_ToLevel ManageLevels MemorizedLevellin Check_LevelAndMode Level Check_LevelAndMode ManageModes Data_from_T2_Functions Data_from_DMI ManageModes Data_from_DMI ManageModes Data_from_DMI ManageModes Data_from_DIII ManageModes Data_from_T2_functions	ManageLevelAndMode	Data_From_Speed_and_Supervision
ManageLevelAndMode       ERTMS_capabilities_In         ManageLevelAndMode       Data_from_Track_MASSPGradient         ManageLevelAndMode       Data_From_F2_Functions         ManageLevelAndMode       Data_From_STM         ManageLevelAndMode       MemorizedLevelIn         Input       Data_From_DMI         Input       Data_From_DMI         Input       Data_From_DMI         Input       Data_From_Track_Messages         Input       Data_From_Track_Packets         Input       Data_From_Track_Packets         Input       Data_From_STM         Input       Data_From_Localisation         Input       Data_From_Localisation         Input       Data_From_Seed_and_Supervision         Input       Data_From_Seed_and_Supervision         Input       Data_From_Seed_and_Supervision         Input       Cab_In         Input       driver_Level_transition_In         Input       ERTMS_capabilities         Input       Bata_From_Track_MASSPGradient         ManageLevels       driver_LevelTransition         ManageLevels       driver_LevelTransition         ManageLevels       frainStandstill         ManageLevels       frainStandstill         ManageLevels	ManageLevelAndMode	Cab_In
ManageLevelAndMode     Data_from_Track_MASSPGradient       ManageLevelAndMode     Data_From_F2_Functions       ManageLevelAndMode     Data_From_STM       ManageLevelAndMode     MemorizedLevelIn       Input     Data_From_DMI       Input     Data_From_DMI       Input     Data_From_Track_Messages       Input     Data_From_Track_Packets       Input     Data_From_Track_Packets       Input     Data_From_STM       Input     Data_From_STM       Input     Data_From_Speed_and_Supervision       Input     Data_From_Speed_and_Supervision       Input     Data_From_F2_Functions       Input     Cab_In       Input     Gab_In       Input     Gate_Interpow_Stream       Input     BERTMS_capabilities In       Input     StartOfMissionEnded       Input     Data_From_Track_MASSPGradient       ManageLevels     driver_LevelTransition       ManageLevels     driver_LevelTransition       ManageLevels     trainPosition       ManageLevels     ERTMScapabilities       ManageLevels     Data_From_TackToLevel       ManageLevels     MemorizedLevelln       CheckLevelAndMode     Level       CheckLevelAndMode     Current_Level       ManageModes     Data_From_DMI <td>ManageLevelAndMode</td> <td>driver_level_transition_In</td>	ManageLevelAndMode	driver_level_transition_In
ManageLevelAndMode     Data_From_F2_Functions       ManageLevelAndMode     Data_From_STM       ManageLevelAndMode     MemorizedLevelIn       Input     Data_From_DMI       Input     Data_From_TIU       Input     Data_From_Track_Messages       Input     Data_From_Track_Packets       Input     Data_From_STM       Input     Data_From_Coalisation       Input     Data_From_Speed_and_Supervision       Input     Data_From_F2_Functions       Input     Data_From_F2_Functions       Input     Cab_In       Input     driver_level_transition_In       Input     ERTMS_capabilities_In       Input     startOfMissionEnded       Input     Data_From_Track_MASSPGradient       ManageLevels     driverLevelTransition       ManageLevels     driverLevelTransition       ManageLevels     ERTMScapabilities       ManageLevels     ERTMScapabilities       ManageLevels     DataFromTrackToLevel       ManageLevels     MemorizedLevelIn       CheckLevelAndMode     Mode       ManageModes     Cab       ManageModes     Data_From_DMI       ManageModes     Data_From_DMI       ManageModes     Data_From_DMI	ManageLevelAndMode	ERTMS_capabilities_In
ManageLevelAndMode Data_From_STM ManageLevelAndMode MemorizedLevelIn Input Data_From_DMI Input Data_From_TIU Input Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_STM Input Data_From_Localisation Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Data_From_Speed_and_Supervision Input Cab_In Input driver_level_transition_In Input ERTMS_capabilities_In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels driverLevelTransition ManageLevels driverLevelTransition ManageLevels TrainStandstill ManageLevels ERTMS_capabilities ManageLevels ERTMS_capabilities ManageLevels ERTMS_capabilities ManageLevels ERTMS_capabilities ManageLevels ERTMS_capabilities ManageLevels ERTMS_capabilities ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level CheckLevelAndMode Current_Level ManageModes Cab ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI	ManageLevelAndMode	Data_from_Track_MASSPGradient
ManageLevelAndMode     MemorizedLevelIn       Input     Data_From_DMI       Input     Data_From_TIU       Input     Data_From_Track_Messages       Input     Data_From_Track_Packets       Input     Data_From_STM       Input     Data_From_Localisation       Input     Data_From_Speed_and_Supervision       Input     Data_From_F2_Functions       Input     Data_From_F2_Functions       Input     driver_level_transition_In       Input     ERTMS_capabilities_In       Input     startOfMissionEnded       Input     startOfMissionEnded       Input     Data_From_Track_MASSPGradient       ManageLevels     driverLevelTransition       ManageLevels     driverLevelTransition       ManageLevels     ferTMScapabilities       ManageLevels     ERTMScapabilities       ManageLevels     DataFrom_TrackToLevel       ManageLevels     DataFromTrackToLevel       ManageLevels     MemorizedLevelIn       CheckLevelAndMode     Level       CheckLevelAndMode     Mode       ManageModes     Cab       ManageModes     Data_From_DMI       ManageModes     Data_From_F2_Functions	ManageLevelAndMode	Data_From_F2_Functions
Input	ManageLevelAndMode	Data_From_STM
Input Data_From_TIU Input Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation Input Data_From_Localisation Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Cab_In Input Data_From_Speed_and_Supervision Input Data_From_Speed_and_Supervision Input Data_From_Speed_and_Supervision Input Data_From_Speed_and_Supervision Input Data_From_Track_MASSPGradient Input BERTMS_capabilities In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient ItrainStandstill ManageLevels driverLevelTransition ManageLevels driverLevelTransition Input Data_From_Track_MASSPGradient ItrainStandstill Input Data_From_Track_MASSPGradient ItrainStand	ManageLevelAndMode	MemorizedLevelIn
Input Data_From_Track_Messages Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Data_From_Speed_and_Supervision Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Cab_In Input Griver_level_transition_In Input ERTMS_capabilities_In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient Input Data_From_Track_MASSPGradient Input Bata_From_Track_MASSPGradient Input Data_From_Track_MASSPGradient Input Data_From_DMI Input Data_From_DATA Input Data_From_DMI Input Data_From_DMI Input Data_From_DATA Inpu	Input	Data_From_DMI
Input Data_From_Track_Packets Input Data_From_STM Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Cab_In Input Cab_In Input driver_level_transition_In Input ERTMS_capabilities_In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient Input Data_From_Track_MASSPGradient ImanageLevels driver_levelTransition ImanageLevels driver_levelTransition ImanageLevels ERTMScapabilities ImanageLevels ERTMScapabilities ImanageLevels ERTMScapabilities ImanageLevels DataFromTrackToLevel ImanageLevels DataFromTrackToLevel ImanageLevels MemorizedLevelIn ImanageLevels MemorizedLevelIn ImanageModes Current_Level ImanageModes Data_From_DMI ImanageModes Data_From_F2_Functions	Input	Data_From_TIU
Input Data_From_STM Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Data_From_F2_Functions Input Cab_In Input driver_level_transition_In Input ERTMS_capabilities_In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient Input Data_From_Track_MASSPGradient ManageLevels driver_LevelTransition ManageLevels levelAck ManageLevels ERTMS-capabilities ManageLevels driver_LevelTransition EXTMS_CAPABILITIES ManageLevels ERTMS-Capabilities ManageLevels Level ManageLevels ERTMS-Capabilities ManageLevels DataFromTrackToLevel ManageLevels Memorized_LevelIn CheckLevelAndMode Mode ManageModes Current_Level ManageModes Cab ManageModes Data_From_F2_Functions	Input	Data_From_Track_Messages
Input Data_From_Localisation Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Cab_In Input Cab_In Input driver_level_transition_In Input ERTMS_capabilities_In Input startOfMissionEnded Input Data_From_Track_MASSPGradient Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels levelAck ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities  ManageLevels LevelTonmore ManageLevels ERTMScapabilities  ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level CheckLevelAndMode Mode ManageModes Current_Level ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_F2_Functions	Input	Data_From_Track_Packets
Input Data_From_Speed_and_Supervision Input Data_From_F2_Functions Input Cab_In Input driver_level_transition_In Input ERTMS_capabilities_In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level CheckLevelAndMode Mode ManageModes Current_Level ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI	Input	Data_From_STM
Input Cab_In Input Griver_level_transition_In Input ERTMS_capabilities_In Input StartOfMissionEnded Input Data_From_Track_MASSPGradient Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level CheckLevelAndMode Mode ManageModes Current_Level ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI	Input	Data_From_Localisation
Input driver_level_transition_In Input ERTMS_capabilities_In Input startOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels levelAck ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level CheckLevelAndMode Mode ManageModes Current_Level ManageModes Cab ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI	Input	Data_From_Speed_and_Supervision
Input driver_level_transition_In Input ERTMS_capabilities_In Input startOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels levelAck ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level CheckLevelAndMode Mode ManageModes Current_Level ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_F2_Functions	Input	Data_From_F2_Functions
Input startOfMissionEnded Input Data_From_Track_MASSPGradient ManageLevels trainStandstill ManageLevels driverLevelTransition ManageLevels levelAck ManageLevels trainPosition ManageLevels ERTMScapabilities ManageLevels ERTMScapabilities ManageLevels DataFromTrackToLevel ManageLevels MemorizedLevelIn CheckLevelAndMode Level CheckLevelAndMode Mode ManageModes Current_Level ManageModes Cab ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_DMI ManageModes Data_From_F2_Functions	Input	Cab_In
Input StartOfMissionEnded Input Data_From_Track_MASSPGradient  ManageLevels trainStandstill  ManageLevels driverLevelTransition  ManageLevels levelAck  ManageLevels trainPosition  ManageLevels ERTMScapabilities  ManageLevels DataFromTrackToLevel  ManageLevels MemorizedLevelIn  CheckLevelAndMode Level  CheckLevelAndMode Mode  ManageModes Current_Level  ManageModes Data_From_DMI  ManageModes Data_From_DMI  ManageModes Data_From_F2_Functions	Input	driver_level_transition_In
Input Data_From_Track_MASSPGradient  ManageLevels trainStandstill  ManageLevels driverLevelTransition  ManageLevels levelAck  ManageLevels trainPosition  ManageLevels ERTMScapabilities  ManageLevels DataFromTrackToLevel  ManageLevels MemorizedLevelIn  CheckLevelAndMode Level  CheckLevelAndMode Mode  ManageModes Current_Level  ManageModes Data_From_DMI  ManageModes Data_From_DMI  ManageModes Data_From_F2_Functions	Input	ERTMS_capabilities_In
ManageLevelstrainStandstillManageLevelsdriverLevelTransitionManageLevelslevelAckManageLevelstrainPositionManageLevelsERTMScapabilitiesManageLevelsDataFromTrackToLevelManageLevelsMemorizedLevelInCheckLevelAndModeLevelCheckLevelAndModeModeManageModesCurrent_LevelManageModesCabManageModesData_From_DMIManageModesData_From_F2_Functions	Input	startOfMissionEnded
ManageLevelsdriverLevelTransitionManageLevelslevelAckManageLevelstrainPositionManageLevelsERTMScapabilitiesManageLevelsDataFromTrackToLevelManageLevelsMemorizedLevelInCheckLevelAndModeLevelCheckLevelAndModeModeManageModesCurrent_LevelManageModesCabManageModesData_From_DMIManageModesData_From_F2_Functions	Input	Data_From_Track_MASSPGradient
ManageLevelslevelAckManageLevelstrainPositionManageLevelsERTMScapabilitiesManageLevelsDataFromTrackToLevelManageLevelsMemorizedLevelInCheckLevelAndModeLevelCheckLevelAndModeModeManageModesCurrent_LevelManageModesCabManageModesData_From_DMIManageModesData_From_F2_Functions	ManageLevels	trainStandstill
ManageLevelstrainPositionManageLevelsERTMScapabilitiesManageLevelsDataFromTrackToLevelManageLevelsMemorizedLevelInCheckLevelAndModeLevelCheckLevelAndModeModeCheckLevelAndModesCurrent_LevelManageModesCabManageModesData_From_DMIManageModesData_From_F2_Functions	ManageLevels	driverLevelTransition
ManageLevelsERTMScapabilitiesManageLevelsDataFromTrackToLevelManageLevelsMemorizedLevelInCheckLevelAndModeLevelCheckLevelAndModeModeManageModesCurrent_LevelManageModesCabManageModesData_From_DMIManageModesData_From_F2_Functions	ManageLevels	levelAck
ManageLevelsDataFromTrackToLevelManageLevelsMemorizedLevelInCheckLevelAndModeLevelCheckLevelAndModeModeManageModesCurrent_LevelManageModesCabManageModesData_From_DMIManageModesData_From_F2_Functions	ManageLevels	trainPosition
ManageLevels       MemorizedLevelIn         CheckLevelAndMode       Level         CheckLevelAndMode       Mode         ManageModes       Current_Level         ManageModes       Cab         ManageModes       Data_From_DMI         ManageModes       Data_From_F2_Functions	ManageLevels	ERTMScapabilities
CheckLevelAndMode Level CheckLevelAndMode Mode  ManageModes Current_Level  ManageModes Cab  ManageModes Data_From_DMI  ManageModes Data_From_F2_Functions	ManageLevels	DataFromTrackToLevel
CheckLevelAndMode       Mode         ManageModes       Current_Level         ManageModes       Cab         ManageModes       Data_From_DMI         ManageModes       Data_From_F2_Functions	ManageLevels	MemorizedLevelIn
ManageModes     Current_Level       ManageModes     Cab       ManageModes     Data_From_DMI       ManageModes     Data_From_F2_Functions	CheckLevelAndMode	Level
ManageModes     Cab       ManageModes     Data_From_DMI       ManageModes     Data_From_F2_Functions	CheckLevelAndMode	Mode
ManageModes Data_From_DMI ManageModes Data_From_F2_Functions	ManageModes	Current_Level
ManageModes Data_From_F2_Functions	ManageModes	Cab
	ManageModes	Data_From_DMI
Managa Madaa	ManageModes	Data_From_F2_Functions
ivianageiviodes Data_From_Localisation	ManageModes	Data_From_Localisation

Owner	Port
ManageModes	Data_From_Speed_and_Supervision
ManageModes	Data_From_STM
ManageModes	Data_From_TIU
ManageModes	Data_From_Track
ManageModes	TripModeFromLevel
Output	next_level
Output	TripTrain
Output	previous_level
Output	needsAckFromDriver
Output	announce_driver_selection
Output	service_brake_from_level
Output	LevelsTransitionPositionPassed
Output	currentMode
Output	EB_Requested_From_Mode
Output	Service_Brake_Command_From_Mode
Output	Data_To_DMI_From_Mode
Output	Data_To_BG_Management_From_Mode
Output	Level_Mode_Compatible
manageTIU_input	inModeLevel
manageTIU_input	inTIUfromAPI
manageTIU_input	evc_trainData
getTIUStatusFromData	inTIUActualData
mergeTIU_Info	newInfo
mergeTIU_Info	storedInfo
mergeTIU_Info	EVC_trainData
selectTrainData	newTIUTrainData
selectTrainData	in_train_commands
selectTrainData	EVC_trainData
TrackAtlas	MessageIn
TrackAtlas	ModeAndLevel_in
TrackAtlas	TrainData_in
TrackAtlas	TrainPositionIn
TrackAtlas	train_length
TrackAtlas	SystemTime
TrackAtlas	preindicationLocation
TrackAtlas	odometry
TrackAtlas	fromDriverToMA_R
TrackAtlas	trainProps
TrackAtlas	packet0
TrackAtlas	packet1

Owner	Port
TrackAtlas	t_train
TrackAtlas	P203V1_onboard
TrackAtlas	PermanentDataP003
TrackAtlas	bus_in
TrackAtlasETCS	MessageIn
TrackAtlasETCS	ModeAndLevel_in
TrackAtlasETCS	TrainData_in
TrackAtlasETCS	TrainPositionIn
TrackAtlasETCS	train_length
TrackAtlasETCS	SystemTime
TrackAtlasETCS	preindicationLocation
TrackAtlasETCS	odometry
TrackAtlasETCS	fromDriverToMA_R
TrackAtlasETCS	trainProps
TrackAtlasETCS	packet0
TrackAtlasETCS	packet1
TrackAtlasETCS	t_train
TrackAtlasETCS	bus_in
TrackAtlasETCS	P203V1_onboard
TrackAtlasETCS	PermanentDataP003
Master_Procedure	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
Master_Procedure	statusValid_Position_from_Position_Calculation
Master_Procedure	statusDMI_from_DMI
Master_Procedure	systemtime
Master_Procedure	StatusModeandLevel_from_Level_and_Mode_Management
Master_Procedure	mobileStatus
Master_Procedure	statusRBCSessioneEstabilished_status_from_MoRC
Master_Procedure	cabStatus_from_TIU
Master_Procedure	LevelValid_from_Level_and_Mode_Management
Master_Procedure	status_DMIlevel_from_DMI
SoM_NTC_SN	Status_Mode_Change_from_Level_and_Mode_Management
SoM_SR_FS_OS_LS_SH_SN_UN	Status_MA_FS_SR_OS_LS_SH_from_MA_L2_Management
SoM_SR_FS_OS_LS_SH_SN_UN	Status_Mode_Change_from_Level_and_Mode_Management
manageTIU_output	in_IsolationStatus
manageTIU_output	in_brake_command
manageTIU_output	in_brake_inhibition
manageTIU_output	in_train_commands
manageTIU_output	in_change_traction_system
manageTIU_output	in_passenger_door_control_info
manageTIU_output	in_change_of_allowed_current_consumption

SpeedSupervision_Integration SpeedSupervision	Owner	Port
getTIUStatusFromCommand in_IsolationStatus getTIUStatusFromCommand in_brake_command handleTraction in_train_commands handleTraction inModeLevel mapModeToTractionCutOff inModeLevel TIU_OutputIntegration in_IsolationStatus TIU_OutputIntegration SpeedSup_brakeCommand TIU_OutputIntegration in_brake_inhibition TIU_OutputIntegration in_brake_inhibition TIU_OutputIntegration in_change_traction_system TIU_OutputIntegration in_change_traction_system TIU_OutputIntegration in_change_of_allowed_current_consumption TIU_OutputIntegration in_change_of_allowed_current_consumption TIU_OutputIntegration Service_brake_requested_by_modes_and_levels SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels SpeedSupervision_Integration Emergency_brake_requested_by_modes_and_levels SpeedSupervision_Integration TrainPosition SpeedSupervision_Integration odometry SpeedSupervision_Integration trainProps SpeedSupervision_Integration trainData SpeedSupervision_Integration trainData SpeedSupervision_Integration dataFromTrackAtlas Commands trainLocations manageTIU_output in_brake_command manageTIU_output in_brake_commands manageTIU_output in_brake_inhibition in_rain_commands in_lsolation_system	bothBrakesActive	speedSupbrakeCommand
getTIUStatusFromCommand handleTraction handleTraction in_train_commands handleTraction inModeLevel inModeLevel inModeLevel inModeLevel inIU_OutputIntegration in_train_command in_brake_commands in_modeLevel inModeLevel inModeLevel inModeLevel inIU_OutputIntegration in_brake_inhibition in_train_commands in_brake_inhibition in_train_commands in_brake_inhibition in_train_commands in_change_traction_system in_outputIntegration in_change_traction_system in_DoutputIntegration in_change_of_allowed_current_consumption inIU_OutputIntegration inModeAndLevel SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels SpeedSupervision_Integration In_In_In_In_In_In_In_In_In_In_In_In_In_I	bothBrakesActive	levelBrakeCommand
handleTraction in_train_commands handleTraction inModeLevel mapModeToTractionCutOff inModeLevel TIU_OutputIntegration in_IsolationStatus TIU_OutputIntegration SpeedSup_brakeCommand TIU_OutputIntegration in_train_commands TIU_OutputIntegration in_train_commands TIU_OutputIntegration in_train_commands TIU_OutputIntegration in_change_traction_system TIU_OutputIntegration in_passenger_door_control_info TIU_OutputIntegration in_change_of_allowed_current_consumption TIU_OutputIntegration inModeAndLevel SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels SpeedSupervision_Integration Emergency_brake_requested_by_modes_and_levels SpeedSupervision_Integration NationalValues SpeedSupervision_Integration TrainPosition SpeedSupervision_Integration odometry SpeedSupervision_Integration trainProps SpeedSupervision_Integration trainProps SpeedSupervision_Integration dataFromTrackAtlas Commands trainLocations manageTIU_output in_brake_command manageTIU_output in_brake_inhibition manageTIU_output in_train_commands	getTIUStatusFromCommand	in_IsolationStatus
handleTraction inModeLevel  mapModeToTractionCutOff inModeLevel  TIU_OutputIntegration in_IsolationStatus  TIU_OutputIntegration SpeedSup_brakeCommand  TIU_OutputIntegration in_brake_inhibition  TIU_OutputIntegration inhoutedAndLevel  SpeedSupervision_Integration inhoutedAndLevel  SpeedSupervision_Integrati	getTIUStatusFromCommand	in_brake_command
mapModeToTractionCutOff       inModeLevel         TIU_OutputIntegration       in_IsolationStatus         TIU_OutputIntegration       SpeedSup_brakeCommand         TIU_OutputIntegration       in_brake_inhibition         TIU_OutputIntegration       in_train_commands         TIU_OutputIntegration       in_change_traction_system         TIU_OutputIntegration       in_change_of_allowed_current_consumption         TIU_OutputIntegration       inChange_of_allowed_current_consumption         TIU_OutputIntegration       inModeAndLevel         SpeedSupervision_Integration       Service_brake_requested_by_modes_and_levels         SpeedSupervision_Integration       Emergency_brake_requested_by_modes_and_levels         SpeedSupervision_Integration       NationalValues         SpeedSupervision_Integration       TrainPosition         SpeedSupervision_Integration       TrainPosition         SpeedSupervision_Integration       trainData         SpeedSupervision_Integration       trainData         SpeedSupervision_Integration       dataFromTrackAtlas         Commands       trainLocations         manageTIU_output       in_IsolationStatus         manageTIU_output       in_brake_command         manageTIU_output       in_brake_inhibition         manageTIU_output       in_tra	handleTraction	in_train_commands
TIU_OutputIntegration in_IsolationStatus  TIU_OutputIntegration SpeedSup_brakeCommand  TIU_OutputIntegration in_brake_inhibition  TIU_OutputIntegration in_train_commands  TIU_OutputIntegration in_change_traction_system  TIU_OutputIntegration in_change_traction_system  TIU_OutputIntegration in_change_of_allowed_current_consumption  TIU_OutputIntegration in_change_of_allowed_current_consumption  TIU_OutputIntegration inModeAndLevel  SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels  SpeedSupervision_Integration Emergency_brake_requested_by_modes_and_levels  SpeedSupervision_Integration NationalValues  SpeedSupervision_Integration TrainPosition  SpeedSupervision_Integration trainProps  SpeedSupervision_Integration trainData  SpeedSupervision_Integration dataFromTrackAtlas  Commands trainLocations  manageTIU_output in_lsolationStatus  manageTIU_output in_brake_command  manageTIU_output in_brake_inhibition  manageTIU_output in_brake_inhibition  manageTIU_output in_change_traction_system	handleTraction	inModeLevel
TIU_OutputIntegration  Service_brake_requested_by_modes_and_levels  SpeedSupervision_Integration  Service_brake_requested_by_modes_and_levels  SpeedSupervision_Integration  In_Integration_Integration  In_Integration_Integ	mapModeToTractionCutOff	inModeLevel
TIU_OutputIntegration  Service_brake_requested_by_modes_and_levels  SpeedSupervision_Integration  Service_brake_requested_by_modes_and_levels  SpeedSupervision_Integration  Service_brake_requested_by_modes_and_levels  SpeedSupervision_Integration  NationalValues  SpeedSupervision_Integration  Integration_Integration  SpeedSupervision_Integration  Integration_Integration  Integration_Integration  Integration_Integration  Int	TIU_OutputIntegration	in_IsolationStatus
TIU_OutputIntegration in_train_commands  TIU_OutputIntegration in_change_traction_system  TIU_OutputIntegration in_passenger_door_control_info  TIU_OutputIntegration in_change_of_allowed_current_consumption  TIU_OutputIntegration inModeAndLevel  SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels  SpeedSupervision_Integration Emergency_brake_requested_by_modes_and_levels  SpeedSupervision_Integration NationalValues  SpeedSupervision_Integration TrainPosition  SpeedSupervision_Integration odometry  SpeedSupervision_Integration trainProps  SpeedSupervision_Integration trainData  SpeedSupervision_Integration dataFromTrackAtlas  Commands trainLocations  manageTIU_output in_brake_command  manageTIU_output in_brake_inhibition  manageTIU_output in_train_commands  manageTIU_output in_train_commands  manageTIU_output in_change_traction_system	TIU_OutputIntegration	SpeedSup_brakeCommand
TIU_OutputIntegration in_change_traction_system TIU_OutputIntegration in_passenger_door_control_info TIU_OutputIntegration in_change_of_allowed_current_consumption TIU_OutputIntegration inModeAndLevel SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels SpeedSupervision_Integration Emergency_brake_requested_by_modes_and_levels SpeedSupervision_Integration NationalValues SpeedSupervision_Integration TrainPosition SpeedSupervision_Integration odometry SpeedSupervision_Integration trainProps SpeedSupervision_Integration trainData SpeedSupervision_Integration dataFromTrackAtlas Commands trainLocations manageTIU_output in_lsolationStatus manageTIU_output in_brake_command manageTIU_output in_brake_inhibition manageTIU_output in_change_traction_system	TIU_OutputIntegration	in_brake_inhibition
TIU_OutputIntegration in_passenger_door_control_info  TIU_OutputIntegration in_change_of_allowed_current_consumption  TIU_OutputIntegration inModeAndLevel  SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels  SpeedSupervision_Integration Emergency_brake_requested_by_modes_and_levels  SpeedSupervision_Integration NationalValues  SpeedSupervision_Integration TrainPosition  SpeedSupervision_Integration odometry  SpeedSupervision_Integration trainProps  SpeedSupervision_Integration trainData  SpeedSupervision_Integration dataFromTrackAtlas  Commands trainLocations  manageTIU_output in_IsolationStatus  manageTIU_output in_brake_command  manageTIU_output in_brake_inhibition  manageTIU_output in_change_traction_system	TIU_OutputIntegration	in_train_commands
TIU_OutputIntegration  TIU_OutputIntegration  TIU_OutputIntegration  SpeedSupervision_Integration  Service_brake_requested_by_modes_and_levels  NationalValues  NationalValues  SpeedSupervision_Integration  Service_brake_requested_by_modes_and_levels  NationalValues  SpeedSupervision_Integration  Service_brake_requested_by_modes_and_levels  NationalValues  SpeedSupervision_Integration  Service_brake_requested_by_modes_and_levels	TIU_OutputIntegration	in_change_traction_system
TIU_OutputIntegration inModeAndLevel  SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels  SpeedSupervision_Integration Emergency_brake_requested_by_modes_and_levels  SpeedSupervision_Integration NationalValues  SpeedSupervision_Integration TrainPosition  SpeedSupervision_Integration odometry  SpeedSupervision_Integration trainProps  SpeedSupervision_Integration trainData  SpeedSupervision_Integration dataFromTrackAtlas  Commands trainLocations  manageTIU_output in_brake_command  manageTIU_output in_brake_inhibition  manageTIU_output in_train_commands  manageTIU_output in_change_traction_system	TIU_OutputIntegration	in_passenger_door_control_info
SpeedSupervision_Integration Service_brake_requested_by_modes_and_levels SpeedSupervision_Integration Emergency_brake_requested_by_modes_and_levels SpeedSupervision_Integration NationalValues SpeedSupervision_Integration TrainPosition SpeedSupervision_Integration odometry SpeedSupervision_Integration trainProps SpeedSupervision_Integration trainData SpeedSupervision_Integration dataFromTrackAtlas Commands trainLocations manageTIU_output in_IsolationStatus manageTIU_output in_brake_command manageTIU_output in_brake_inhibition manageTIU_output in_change_traction_system	TIU_OutputIntegration	in_change_of_allowed_current_consumption
SpeedSupervision_Integration	TIU_OutputIntegration	inModeAndLevel
SpeedSupervision_Integration SpeedSupervision	SpeedSupervision_Integration	Service_brake_requested_by_modes_and_levels
SpeedSupervision_Integration TrainPosition SpeedSupervision_Integration odometry SpeedSupervision_Integration trainProps SpeedSupervision_Integration trainData SpeedSupervision_Integration dataFromTrackAtlas Commands trainLocations manageTIU_output in_IsolationStatus manageTIU_output in_brake_command manageTIU_output in_brake_inhibition manageTIU_output in_train_commands manageTIU_output in_change_traction_system	SpeedSupervision_Integration	Emergency_brake_requested_by_modes_and_levels
SpeedSupervision_Integration       odometry         SpeedSupervision_Integration       trainProps         SpeedSupervision_Integration       dataFromTrackAtlas         SpeedSupervision_Integration       dataFromTrackAtlas         Commands       trainLocations         manageTIU_output       in_IsolationStatus         manageTIU_output       in_brake_command         manageTIU_output       in_brake_inhibition         manageTIU_output       in_train_commands         manageTIU_output       in_change_traction_system	SpeedSupervision_Integration	NationalValues
SpeedSupervision_Integration trainProps SpeedSupervision_Integration trainData SpeedSupervision_Integration dataFromTrackAtlas  Commands trainLocations  manageTIU_output in_IsolationStatus  manageTIU_output in_brake_command  manageTIU_output in_brake_inhibition  manageTIU_output in_train_commands  manageTIU_output in_change_traction_system	SpeedSupervision_Integration	TrainPosition
SpeedSupervision_Integration       trainData         SpeedSupervision_Integration       dataFromTrackAtlas         Commands       trainLocations         manageTIU_output       in_IsolationStatus         manageTIU_output       in_brake_command         manageTIU_output       in_brake_inhibition         manageTIU_output       in_train_commands         manageTIU_output       in_change_traction_system	SpeedSupervision_Integration	odometry
SpeedSupervision_Integration       dataFromTrackAtlas         Commands       trainLocations         manageTIU_output       in_IsolationStatus         manageTIU_output       in_brake_command         manageTIU_output       in_brake_inhibition         manageTIU_output       in_train_commands         manageTIU_output       in_change_traction_system	SpeedSupervision_Integration	trainProps
Commands trainLocations  manageTIU_output in_IsolationStatus  manageTIU_output in_brake_command  manageTIU_output in_brake_inhibition  manageTIU_output in_train_commands  manageTIU_output in_change_traction_system	SpeedSupervision_Integration	trainData
manageTIU_output       in_IsolationStatus         manageTIU_output       in_brake_command         manageTIU_output       in_brake_inhibition         manageTIU_output       in_train_commands         manageTIU_output       in_change_traction_system	SpeedSupervision_Integration	dataFromTrackAtlas
manageTIU_output in_brake_command manageTIU_output in_brake_inhibition manageTIU_output in_train_commands manageTIU_output in_change_traction_system	Commands	trainLocations
manageTIU_output in_brake_inhibition manageTIU_output in_train_commands manageTIU_output in_change_traction_system	manageTIU_output	in_IsolationStatus
manageTIU_output in_train_commands manageTIU_output in_change_traction_system	manageTIU_output	in_brake_command
manageTIU_output in_change_traction_system	manageTIU_output	in_brake_inhibition
	manageTIU_output	in_train_commands
manageTIU_output in passenger door control info	manageTIU_output	in_change_traction_system
	manageTIU_output	in_passenger_door_control_info
manageTIU_output in_change_of_allowed_current_consumption	manageTIU_output	in_change_of_allowed_current_consumption
bothBrakesActive speedSupbrakeCommand	bothBrakesActive	speedSupbrakeCommand
bothBrakesActive levelBrakeCommand	bothBrakesActive	levelBrakeCommand
getTIUStatusFromCommand in_IsolationStatus	getTIUStatusFromCommand	in_IsolationStatus
getTIUStatusFromCommand in_brake_command	getTIUStatusFromCommand	in_brake_command
handleTraction in_train_commands		
handleTraction inModeLevel	handleTraction	inModeLevel
mapModeToTractionCutOff inModeLevel	mapModeToTractionCutOff	inModeLevel
TIU_OutputIntegration in_IsolationStatus	TIU_OutputIntegration	in_IsolationStatus
TIU_OutputIntegration		SpeedSup_brakeCommand

Owner	Port
TIU_OutputIntegration	in_brake_inhibition
TIU_OutputIntegration	in_train_commands
TIU_OutputIntegration	in_change_traction_system
TIU_OutputIntegration	in_passenger_door_control_info
TIU_OutputIntegration	in_change_of_allowed_current_consumption
TIU_OutputIntegration	inModeAndLevel
Manage_TrackSideInformation_Integration	fullChecks
Manage_TrackSideInformation_Integration	API_trackSide_Message
Manage_TrackSideInformation_Integration	ActualOdometry
Manage_TrackSideInformation_Integration	reset
Manage_TrackSideInformation_Integration	trainPosition
Manage_TrackSideInformation_Integration	modeAndLevel
Manage_TrackSideInformation_Integration	tNvContact
Manage_TrackSideInformation_Integration	intrainVersion
Manage_TrackSideInformation_Integration	lastRelevantEventTimestamp
Manage_TrackSideInformation_Integration	radioStatus
Manage_TrackSideInformation_Integration	inSupervisingRbcld
Manage_TrackSideInformation_Integration	inAnnouncedBGs
Manage_TrackSideInformation_Integration	q_nvlocacc
Manage_TrackSideInformation_Integration	inActiveCab
Manage_TrackSideInformation_Integration	inTrainDataValid
Manage_TrackSideInformation_Integration	inFilterEvents
Manage_TrackSideInformation_Integration	transitionPositionPassed
CheckBGConsistency	storedBGs
CheckBGConsistency	mMode
CheckBGConsistency	q_nvlocacc
CaseLinkingInUse1	storedBGs
CaseLinkingInUse1	q_nvlocacc
CaseLinkingNotInUse1	q_nvlocacc
InformationFilter	inLevel
InformationFilter	inModus
InformationFilter	inSupervisingDevice
InformationFilter	inPendingL1Transition
InformationFilter	inPendingL2L3Transition
InformationFilter	inPendingAckOfTrainDataFromRBC
InformationFilter	inEmergencyStopAccepted
InformationFilter	inLastAckTextMessageId
InformationFilter	inPendingNTCTransition
validateDataDirection	inLRBG
validateDataDirection	inPositionedBGs

Owner	Port
validateDataDirection	trainPosition
CheckEuroRadioMessage	tNvContact
CheckEuroRadioMessage	lastRelevantEventTimestamp
CheckEuroRadioMessage	connectionStatus
CheckEuroRadioMessage	activateCheck
trainData	reset
trainData	trainDatafromTIU
trainData	trackMessages
trainData	t_train
trainData	nidEngine
trainData	p0_positionReport
trainData	p1_positionReport
trainData	MessageBus
trainData	inVersion
trainDataStorage	actualStatus
sendAcknowledgementRBC	actualStatus
sendAcknowledgementRBC	inVersion
checkRadioMessages	actualStatus
sendValidTrainDataRBC	actualStatus
sendValidTrainDataRBC	inVersion
TrackAtlas	TrainData_in
TrackAtlas	fromDriverToMA_R
TrackAtlas	MessageIn
TrackAtlas	ModeAndLevel_in
TrackAtlas	TrainPositionIn
TrackAtlas	train_length
TrackAtlas	SystemTime
TrackAtlas	preindicationLocation
TrackAtlas	odometry
TrackAtlas	trainProps
TrackAtlas	packet0
TrackAtlas	packet1
TrackAtlas	t_train
TrackAtlas	P203V1_onboard
TrackAtlas	PermanentDataP003
TrackAtlas	bus_in
TrackAtlasETCS	TrainData_in
TrackAtlasETCS	fromDriverToMA_R
TrackAtlasETCS	MessageIn
TrackAtlasETCS	ModeAndLevel_in

TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS	TrainPositionIn train_length
	train_length
TrackAtlasETCS	
	SystemTime
TrackAtlasETCS	preindicationLocation
TrackAtlasETCS	odometry
TrackAtlasETCS	trainProps
TrackAtlasETCS	packet0
TrackAtlasETCS	packet1
TrackAtlasETCS	t_train
TrackAtlasETCS	P203V1_onboard
TrackAtlasETCS	PermanentDataP003
TrackAtlasETCS	bus_in
calculateTrainPosition	reset
calculateTrainPosition	currentOdometry
calculateTrainPosition	passedBG
linkedBG_missed	enable
linkedBG_missed	position
linkedBG_missed	BGs_in
twoConsecutiveLinkedBGs_missed	reset
twoConsecutiveLinkedBGs_missed	passedBG
twoConsecutiveLinkedBGs_missed	msgFromTrack
twoConsecutiveLinkedBGs_missed	missed
twoConsecutiveLinkedBGs_missed	missedLinkedBG
addAnnouncedBGs	passedBG
addAnnouncedBGs	BGs_in
addAnnouncedBGs	trainProperties
calculateBGLocations	reset
calculateBGLocations	passedBG
calculateBGLocations	lastBGs
calculateBGLocations	trainProperties
calculateTrainpositionAttributes	trainPositionInfo
calculateTrainpositionAttributes	currentOdometry
calculateTrainpositionAttributes	trainProperties
calculateTrainPositionInfo	recalculateBGs
calculateTrainPositionInfo	reset
calculateTrainPositionInfo	currentOdometry
calculateTrainPositionInfo	BGs
calculateTrainPositionInfo	passedBG
delDispensableBGs	deleteBG
delDispensableBGs	BGs_in

Owner	Port
msg_2_passedBG	msgFromTrack
ProvidePositionReport	trackInfo
ProvidePositionReport	systemTime
ProvidePositionReport	rcbComm
ProvidePositionReport	RadioSafeRadioConnectionError
ProvidePositionReport	SafetyCriticalFailure
ProvidePositionReport	modeLevelStatus
ProvidePositionReport	reportedBGs
ProvidePositionReport	posBGs
ProvidePositionReport	trainPos
ProvidePositionReport	odometry
ProvidePositionReport	trainProps
ProvidePositionReport	inMessage
ProvidePositionReport	train2trackStatus
ProvidePositionReport	prvDirTrain
ProvidePositionReport	t_train
ProvidePositionReport	MessageBus
ProvidePositionReport	inVersion

## 6. System outputs

Owner	Port
ETCS OBU	DriverOut
ETCS OBU	RBCOut
ETCS OBU	TrainOut
F2 ETCS Kernel	resetOut
F2 ETCS Kernel	debugPermittedSpeed
F2 ETCS Kernel	debuglinterventionSpeed
F2 ETCS Kernel	debugTrainPositionNominal
F2 ETCS Kernel	debugTrainPositionDeltaMax
F2 ETCS Kernel	debugTrainPositionDeltaMin
F2 ETCS Kernel	debugCurrentMode
F2 ETCS Kernel	debugCurrentLevel
CheckBGConsistency	badBaliseMessageToDMI
CheckBGConsistency	errorLinkedBG
CheckBGConsistency	errorUnlinkedBG
CheckBGConsistency	incompatibleVersion
CaseLinkingNotInUse1	badBaliseMessageToDMI
InformationFilter	outAcceptedMessage
CheckEuroRadioMessage	radioSequenceError
CheckEuroRadioMessage	tNvContactError
CheckEuroRadioMessage	otherTimingError
CheckEuroRadioMessage	radioMessageConsistencyError
F2.10 manageDMI_Input	fromDMI_Identifier
F2.10 manageDMI_Input	fromDMI_DriverIdentifier
F2.10 manageDMI_Input	fromDMI_RadioNetData
F2.10 manageDMI_Input	fromDMI_Icon_Ack
F2.10 manageDMI_Input	fromDMI_AdhesionFactor
changeLevelByDiver1	ML_levelTransition
changeLevelByDiver1	updatedNTC
doDriverRequests1	outDriverRequestToLevels
doDriverRequests1	outDriverRequestToModes
receiveRequestsModesAndLevel1	outDriverRequestToLevels
receiveRequestsModesAndLevel1	forModesAndLevel
receiveRequestsModesAndLevel1	outStatusList
triggerForMA1	outForMA
updateDMIStatus1	newStatus
F2.12 manageTIU_input	tractionCutOff
getTIUStatusFromData	outStatus
mergeTIU_Info	updatedInfo
selectTrainData	outTrainData
F2.2 Manage_ETCS_Procedures	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management

Owner	Port
F2.2 Manage_ETCS_Procedures	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana
F2.2 Manage_ETCS_Procedures	start_ack_to_TIU
SoM_NTC_SN	start_ack_to_TIU
SoM_SR_FS_OS_LS_SH_SN_UN	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management
SoM_SR_FS_OS_LS_SH_SN_UN	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana
SoM_SR_FS_OS_LS_SH_SN_UN	start_ack_to_TIU
F2.9 MoRC_HO	bufferInformationFromAcceptingRBC
F2.9 MoRC_HO	trainPassesA_RBC_RBC_border_WithItsFrontEnd
F2.9 MoRC_HO	triggerPositionReport
F2.9 MoRC_HO	triggerTrainData
F2.9 MoRC_HO	rejectOrderToContactRBC_or_RIU
F2.9 MoRC_HO	infomDriverNoCompatibleVersionSupported
F2.9 MoRC_HO	memorizeTheLastRadioNetworkID
F2.9 MoRC_HO	radioStatus_2
F2.9 MoRC_HO	mobileConnectionCmd_2
F2.9 MoRC_HO	mobileRegistrationCmd_2
F2.9 MoRC_HO	safeRadioIndication
F2.9 MoRC_HO	msgBus_2_RBC_1
F2.9 MoRC_HO	msgBus_2_RBC_2
F2.9 MoRC_HO	IastReceivedRadioNetworkID
processHandingOver	sendPositionReport_2_handingOverRBC
processHandingOver	sendPositionReport_2_acceptingRBC
processHandingOver	sendTrainData_2_acceptingRBC
processHandingOver	bufferInformationFromAcceptingRBC
processHandingOver	supervisingRBC
processHandingOver	useInformationFromAcceptingRBC
processHandingOver	handingOverMobile_is_mobile_1
processHandingOver	trainPassesA_RBC_RBC_border_WithItsFrontEnd
processHandingOver	notReady
processHandingOver	sessionCmds_2_MoRC_1
processHandingOver	sessionCmds_2_MoRC_2
MoRC_Main_v21	sendAPositionReport
MoRC_Main_v21	rejectOrderToContactRBC_or_RIU
MoRC_Main_v21	infomDriverNoCompatibleVersionSupported
MoRC_Main_v21	memorizeTheLastRadioNetworkID
MoRC_Main_v21	notReady
MoRC_Main_v21	msgToRBC
MoRC_Main_v21	status
MoRC_Main_v21	safeRadioIndication
MoRC_Main_v21	mobileConnectionCmd

MoRC_Main_v21	
IVIONO_IVIAITI_VZ I	mobileRegistrationCmd
MoRC_Main_v21	lastReceivedRadioNetworkID
MoRC_Main_v22	sendAPositionReport
MoRC_Main_v22	rejectOrderToContactRBC_or_RIU
MoRC_Main_v22	infomDriverNoCompatibleVersionSupported
MoRC_Main_v22	memorizeTheLastRadioNetworkID
MoRC_Main_v22	notReady
MoRC_Main_v22	msgToRBC
MoRC_Main_v22	status
MoRC_Main_v22	safeRadioIndication
MoRC_Main_v22	mobileConnectionCmd
MoRC_Main_v22	mobileRegistrationCmd
MoRC_Main_v22	lastReceivedRadioNetworkID
mobileDataRouter_out	data_2_RBC_1
mobileDataRouter_out	data_2_RBC_2
F2.7 SpeedSupervision_Integration	EOA_overpassed
F2.7 SpeedSupervision_Integration	Target_Speed_Reached
F2.7 SpeedSupervision_Integration	target
F2.7 SpeedSupervision_Integration	sdmCommands
F2.8 ProvidePositionReport	out_reportedBGs
AggregatePackets	outPackets
PosReport_Supervision	out_reportedBGs
PosReport_Supervision	posRep
ReceiveReportParameters	posRep
F2.13 manageTIU_output	outCommandStatusforEVC
bothBrakesActive	brakeCommand
getTIUStatusFromCommand	outStatus
handleTraction	outTrainCommands
mapModeToTractionCutOff	tractionCutOff
TIU_OutputIntegration	outTIU_to_API
TIU_OutputIntegration	outCommandStatusforEVC
calcDistances1	outLocationKP_Balise_Track
calcDistances1	ouDistanceKP_Balise
calcDistances1	outDistance_ToTSA
collectDMIPackets1	to_DMI
convert_cm_s_km_h1	km_h
copyGradientElement1	to_DMI
copyGradientElement1	outStatusList
copyGradientElement1	continue
copyGradientElement1	toDMI

copySpeedProfileElement1 copySpeedProfileElement1 copySpeedProfileElement1 copyTrackDescription1 cyclicReportToDMI1 doEntryRequest1	fromDMI_TrainDataAck continue toDMI toDMI packetDynamic sendTrainDataToDMI
copySpeedProfileElement1 copyTrackDescription1 cyclicReportToDMI1	toDMI toDMI packetDynamic
copyTrackDescription1 cyclicReportToDMI1	toDMI packetDynamic
cyclicReportToDMI1	packetDynamic
·	
doEntryRequest1	sendTrainDataToDMI
doEntryRequest1	new_menuRequest
doEntryRequest1	new_entryRequest
doEntryRequest1	outLevelsNeeded
doldentifierRequest1	identifierRequest
isSendingNeeded1	sendingNeeded
mapEntryForLevel1	new_entryRequest
mapMoRCtoRadio_CS1	outBMI_CS
sendBrakesToDMI1	dmi_iconRequest
sendDynamic1	packetDynamic
sendLevelListPkg1	levelDataPkg
sendTrainData1	trainData_ForDMI
sendVersion1	VersionPkg
synchWithDMI1	updatedOutputStatus
synchWithDMI1	send_dmi_identifierRequest
F2.3 trainData	triggerFromTrainData
trainDataStorage	updatedStatus
sendAcknowledgementRBC	updatedStatus
checkRadioMessages	ackReceived
checkRadioMessages	ackRequested
sendValidTrainDataRBC	updatedStatus
linkedBG_missed	missed
linkedBG_missed	indexOfBG
linkedBG_missed	BG
linkedBG_missed	BGs_out
twoConsecutiveLinkedBGs_missed	secondConsecutiveBG_missed
addAnnouncedBGs	overrun
addAnnouncedBGs	BGs_out
calculateBGLocations	BGs
calculateBGLocations	errors
calculateBGLocations	passedPositionedBG
calculateTrainpositionAttributes	trainPosition
calculateTrainPositionInfo	positionCalculationNotConsistent
calculateTrainPositionInfo	trainPositionInfo
delDispensableBGs	BGs_out

Owner	Port
msg_2_passedBG	BG_passed
msg_2_passedBG	passedBG
msg_2_passedBG	onlyBGsAnnouncedViaRadio
F2.5 ManageLevelAndMode	Data_To_BG_Management
Input	train_standstill
Input	levelAck
Input	outStartOfMissionEnded
Input	driver_level_transition
Input	currentPosition
Input	ERTMS_capabilities
Input	Data_From_Track_to_Level
Input	Cab
Input	Data_From_DMI_To_Mode
Input	Data_From_F2_Functions_to_Mode
Input	Data_From_Localisation_To_Mode
Input	Data_From_Speed_and_Supervision_To_Mode
Input	Data_From_STM_to_Mode
Input	Data_From_TIU_To_Mode
Input	Data_From_Track_To_Mode
ManageLevels	TripTrainRequested
ManageLevels	needsAckFromDriver
ManageLevels	serviceBrakeRequested
ManageLevels	nextLevel
ManageLevels	announced_level_transition
ManageLevels	positionReportNeeded
ManageLevels	levellsNew
ManageLevels	isAvailableForUse
ManageLevels	announcedLevelTransition
ManageLevels	connectionToRBCRequested
CheckLevelAndMode	Level_Mode_Compatible
ManageModes	EB_Requested
ManageModes	Service_Brake_Command
ManageModes	currentMode
ManageModes	Data_To_DMI
ManageModes	Data_To_BG_Management
Output	Service_Brake_Command
Output	EB_Requested
Output	transitionPositionPassed
Output	Compatible_Mode_And_Level
Output	Data_To_DMI

Owner	Port
Output	Data_To_BG_Management
F2.4 TrackAtlas	MA_onboard_out
F2.4 TrackAtlas	MRSP
F2.4 TrackAtlas	ces_accepted
F2.4 TrackAtlas	ces_revoked
F2.4 TrackAtlas	trip_train
F2.4 TrackAtlas	NV_raw_out
F2.4 TrackAtlas	message147
TrackAtlasETCS	To_ModeAndLevel
TrackAtlasETCS	to_DMI
TrackAtlasETCS	to_Supervision
TrackAtlasETCS	MA_onboard_out
TrackAtlasETCS	ces_accepted
TrackAtlasETCS	ces_revoked
TrackAtlasETCS	trip_train
TrackAtlasETCS	NV_raw_out
TrackAtlasETCS	MA_request_out
TrackAtlasETCS	message147
TrackAtlasETCS	SSP_available
TrackAtlasETCS	bus_out
F2.9 MoRC_Main	ignoreMessagesFromRBC_except_m39_AckOfTerminationOfC
F2.9 MoRC_Main	sendAPositionReport
F2.9 MoRC_Main	cmdsToMobile
F2.9 MoRC_Main	memorizeTheLastRadioNetworkID
F2.9 MoRC_Main	orderTheRegistrationOfItsConnectedMobiles
F2.9 MoRC_Main	rejectOrderToContactRBC_or_RIU
F2.9 MoRC_Main	InformTheDriverThatNoConnectionWasSetup
F2.9 MoRC_Main	safeRadioConnectionStatus_toDriver
F2.9 MoRC_Main	mobileSWStatus
F2.9 MoRC_Main	requestTheSetupOfASafeRadioConnection
F2.9 MoRC_Main	requestReleaseOfSafeRadioConnectionWithTrackside
F2.9 MoRC_Main	sessionSuccessfullyEstablished
F2.9 MoRC_Main	ready
F2.9 MoRC_Main	currentRadioNetworkID
F2.9 MoRC_Main	sessionStatus
F2.9 MoRC_Main	MessageToRBC
F2.9 MoRC_Main	msgBus_out
Driver	Output1
Configuration1	Output1
F2 ETCS Kernel	resetOut

Owner	Port
F2 ETCS Kernel	debugTrainPositionNominal
F2 ETCS Kernel	debugTrainPositionDeltaMax
F2 ETCS Kernel	debugTrainPositionDeltaMin
F2 ETCS Kernel	debugPermittedSpeed
F2 ETCS Kernel	debuglinterventionSpeed
F2 ETCS Kernel	debugCurrentMode
F2 ETCS Kernel	debugCurrentLevel
CheckBGConsistency	badBaliseMessageToDMI
CheckBGConsistency	errorLinkedBG
CheckBGConsistency	errorUnlinkedBG
CheckBGConsistency	incompatibleVersion
CaseLinkingNotInUse1	badBaliseMessageToDMI
InformationFilter	outAcceptedMessage
CheckEuroRadioMessage	radioSequenceError
CheckEuroRadioMessage	tNvContactError
CheckEuroRadioMessage	otherTimingError
CheckEuroRadioMessage	radioMessageConsistencyError
F2.10 manageDMI_Input	fromDMI_Identifier
F2.10 manageDMI_Input	fromDMI_DriverIdentifier
F2.10 manageDMI_Input	fromDMI_RadioNetData
F2.10 manageDMI_Input	fromDMI_Icon_Ack
F2.10 manageDMI_Input	fromDMI_AdhesionFactor
changeLevelByDiver1	ML_levelTransition
changeLevelByDiver1	updatedNTC
doDriverRequests1	outDriverRequestToModes
doDriverRequests1	outDriverRequestToLevels
receiveRequestsModesAndLevel1	forModesAndLevel
receiveRequestsModesAndLevel1	outStatusList
receiveRequestsModesAndLevel1	outDriverRequestToLevels
triggerForMA1	outForMA
updateDMIStatus1	newStatus
getTIUStatusFromData	outStatus
mergeTIU_Info	updatedInfo
selectTrainData	outTrainData
F2.2 Manage_ETCS_Procedures	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management
F2.2 Manage_ETCS_Procedures	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana
F2.2 Manage_ETCS_Procedures	start_ack_to_TIU
SoM_NTC_SN	start_ack_to_TIU
SoM_SR_FS_OS_LS_SH_SN_UN	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management
SoM_SR_FS_OS_LS_SH_SN_UN	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana

Owner	Port
SoM_SR_FS_OS_LS_SH_SN_UN	start_ack_to_TIU
F2.9 MoRC_HO	radioStatus_2
F2.9 MoRC_HO	mobileConnectionCmd_2
F2.9 MoRC_HO	mobileRegistrationCmd_2
F2.9 MoRC_HO	safeRadioIndication
F2.9 MoRC_HO	bufferInformationFromAcceptingRBC
F2.9 MoRC_HO	trainPassesA_RBC_RBC_border_WithItsFrontEnd
F2.9 MoRC_HO	msgBus_2_RBC_1
F2.9 MoRC_HO	msgBus_2_RBC_2
F2.9 MoRC_HO	triggerPositionReport
F2.9 MoRC_HO	triggerTrainData
F2.9 MoRC_HO	rejectOrderToContactRBC_or_RIU
F2.9 MoRC_HO	infomDriverNoCompatibleVersionSupported
F2.9 MoRC_HO	memorizeTheLastRadioNetworkID
F2.9 MoRC_HO	lastReceivedRadioNetworkID
processHandingOver	sessionCmds_2_MoRC_1
processHandingOver	sessionCmds_2_MoRC_2
processHandingOver	sendPositionReport_2_handingOverRBC
processHandingOver	sendPositionReport_2_acceptingRBC
processHandingOver	sendTrainData_2_acceptingRBC
processHandingOver	bufferInformationFromAcceptingRBC
processHandingOver	supervisingRBC
processHandingOver	useInformationFromAcceptingRBC
processHandingOver	handingOverMobile_is_mobile_1
processHandingOver	trainPassesA_RBC_RBC_border_WithItsFrontEnd
processHandingOver	notReady
MoRC_Main_v21	msgToRBC
MoRC_Main_v21	sendAPositionReport
MoRC_Main_v21	rejectOrderToContactRBC_or_RIU
MoRC_Main_v21	infomDriverNoCompatibleVersionSupported
MoRC_Main_v21	status
MoRC_Main_v21	safeRadioIndication
MoRC_Main_v21	mobileConnectionCmd
MoRC_Main_v21	mobileRegistrationCmd
MoRC_Main_v21	memorizeTheLastRadioNetworkID
MoRC_Main_v21	lastReceivedRadioNetworkID
MoRC_Main_v21	notReady
MoRC_Main_v22	msgToRBC
MoRC_Main_v22	sendAPositionReport
MoRC_Main_v22	rejectOrderToContactRBC_or_RIU

MoRC_Main_v22 status  MoRC_Main_v22 safeRadioIndication  MoRC_Main_v22 mobileConnectionCmd  MoRC_Main_v22 mobileConnectionCmd  MoRC_Main_v22 mobileConnectionCmd  MoRC_Main_v22 memorizeTheLastRadioIndication  MoRC_Main_v22 memorizeTheLastRadioNetworkID  MoRC_Main_v22 memorizeTheLastRadioNetworkID  MoRC_Main_v22 lastReceivedRadioNetworkID  MoRC_Main_v22 notReady  mobileDataRouter_out data_2_RBC_1  mobileDataRouter_out data_2_RBC_2  F2.7 SpeedSupervision_Integration  F2.7 SpeedSupervision_Integration sdmCommands  F2.7 SpeedSupervision_Integration  F2.7 SpeedSupervision_Integration  F2.8 ProvidePositionReport out_reportedBGs  AggregatePackets out_Packets  F2.13 manageTill_output outCommandStatusforEVC  bothBrakesActive brakeCommand  getTiUStatusFromCommand outStatus  handleTraction outTrainCommands  mapMode ToTractionCutOff tractionCutOff  TIU_OutputIntegration outCommandStatusforEVC  calcDistances1 outDistance_ToTSA  collectDMIPackets1 to_DMI  copySpeedProfileElement1 continue  copySpeedProfileElement1  continue  copySpeedProfileElement1  continue  doEntryRequest1  doEntryRequest1  foew_menuRequest  foew_menuRequest  foew_menuRequest  foew_menuRequest  foew_menuRequest  foew_menuRequest  foew_menuRequest	Owner	Port
MoRC_Main_v22 mobileConnectionCmd MoRC_Main_v22 mobileConnectionCmd MoRC_Main_v22 memorizeTheLastRadioNetworkID MoRC_Main_v22 memorizeTheLastRadioNetworkID MoRC_Main_v22 lastReceivedRadioNetworkID MoRC_Main_v22 notReady mobileDataRouter_out data_2_RBC_1 mobileDataRouter_out data_2_RBC_1  ### REC_1 ### REC	MoRC_Main_v22	infomDriverNoCompatibleVersionSupported
MoRC_Main_v22 mobileConnectionCmd MoRC_Main_v22 mobileRegistrationCmd MoRC_Main_v22 memorizeTheLastRadioNetworkID MoRC_Main_v22 lastReceiveRadioNetworkID MoRC_Main_v22 notReady mobileDataRouter_out data 2_RBC_1 mobileDataRouter_out data 2_RBC_1 mobileDataRouter_out data 2_RBC_2 F2.7 SpeedSupervision_Integration sdmCommands F2.7 SpeedSupervision_Integration EOA_overpassed F2.7 SpeedSupervision_Integration Target_Speed_Reached F2.8 ProvidePositionReport out_reportedBGs AggregatePackets F2.13 manageTiU_output outCommandStatusforEVC bothBrakesActive brakeCommand getTIUStatusFromCommand outStatus handleTraction outTrainCommands mapModeToTractionCutOff tractionCutOff TIU_OutputIntegration outCommandStatusforEVC calcDistances1 outCommandStatusforEVC calcDistances1 outDottonEPS alise calcDistances1 outDottonEPS alise collectDMIPackets1 to_DMI convert_cm_s_km_h1 km_h copyGradientElement1 continue copySpeedProfileElement1 toDMI copyTrackDescription1 packetDynamic doEntryRequest1 new_menuRequest	MoRC_Main_v22	status
MoRC_Main_v22 memorizeTheLastRadioNetworkID MoRC_Main_v22 lastReceivedRadioNetworkID MoRC_Main_v22 lastReceivedRadioNetworkID MoRC_Main_v22 notReady mobileDataRouter_out data_2_RBC_1 mobileDataRouter_out data_2_RBC_1 mobileDataRouter_out data_2_RBC_2 F2.7 SpeedSupervision_Integration sdmCommands F2.7 SpeedSupervision_Integration EOA_overpassed F2.7 SpeedSupervision_Integration Target_Speed_Reached F2.8 ProvidePositionReport out_reportedBGs AggregatePackets outPackets F2.13 manageTIU_output outCommandStatusforEVC bothBrakesActive brakeCommand getTIUStatusFromCommand outStatus handleTraction outTrainCommands mapModeToTractionCutOff tractionCutOff TIU_OutputIntegration outTiU_to_API TIU_OutputIntegration outCommandStatusforEVC calcDistances1 outLocationKP_Balise_Track calcDistances1 outDistance_ToTSA collectDMIPackets1 to_DMI convert_cm_s_km_h1 km_h copyGradientElement1 continue copySpeedProfileElement1 toDMI copyTrackDescription1 cyclicReportToDMI1 packetDynamic new_menuRequest	MoRC_Main_v22	safeRadioIndication
MoRC_Main_v22   memorizeTheLastRadioNetworkID   MoRC_Main_v22   lastReceivedRadioNetworkID   MoRC_Main_v22   notReady   mobileDataRouter_out   data_2_RBC_1   mobileDataRouter_out   data_2_RBC_1   mobileDataRouter_out   data_2_RBC_2   F2.7 SpeedSupervision_Integration   target   F2.7 SpeedSupervision_Integration   EOA_overpassed   F2.7 SpeedSupervision_Integration   EOA_overpassed   F2.7 SpeedSupervision_Integration   Target_Speed_Reached   F2.8 ProvidePositionReport   out_reportedBGs   AggregatePackets   outPackets   F2.13 manageTill_output   outCommandStatusforEVC   bothBrakesActive   brakeCommand   getTilUStatusFromCommand   outStatus   handleTraction   outTrainCommands   mapModeToTractionCutOff   tractionCutOff   Till_OutputIntegration   outCommandStatusforEVC   calcDistances1   outCommandStatusforEVC   calcDistances1   outCommandStatusforEVC   calcDistances1   outCommandStatusforEVC   calcDistances1   outLocationKP_Balise_Track   calcDistances1   outDistance_ToTSA   collectDMIPackets1   to_DMI   convert_cm_s_km_h1   km_h   copyGradientElement1   continue   copySpeedProfileElement1   toDMI   copySpeedProfileElement1   toDMI   copyTrackDescription1   toDMI   copyTrackDescription1   packetDynamic   doEntryRequest1   new_menuRequest	MoRC_Main_v22	mobileConnectionCmd
MORC_Main_v22	MoRC_Main_v22	mobileRegistrationCmd
MoRC_Main_v22 notReady mobileDataRouter_out data_2_RBC_1 mobileDataRouter_out data_2_RBC_1 mobileDataRouter_out data_2_RBC_2  F2.7 SpeedSupervision_Integration target F2.7 SpeedSupervision_Integration	MoRC_Main_v22	memorizeTheLastRadioNetworkID
mobileDataRouter_out mobileDataRouter_out data_2_RBC_2 F2.7 SpeedSupervision_Integration F2.8 ProvidePositionReport F2.8 ProvidePositionReport AggregatePackets F2.13 manageTIU_output bothBrakesActive bothBrakesActive bothBrakesActive bothBrakesActive bothBrakesActive brakeCommand getTIUStatusFromCommand mapModeToTractionCutOff TIU_OutputIntegration mapModeToTractionCutOff TIU_OutputIntegration TIU_OutputIntegration outCommandStatusforEVC calcDistances1 calcDistances1 calcDistances1 calcDistances1 collectDMIPackets1 convert_cm_s_km_h1 convert_cm_s_km_h1 copyGradientElement1 copySpeedProfileElement1 copySpeedProfileElement1 copyTrackDescription1 cyclicReportToDMI1 packetDynamic new_menuRequest	MoRC_Main_v22	lastReceivedRadioNetworkID
mobileDataRouter_out data_2_RBC_2 F2.7 SpeedSupervision_Integration sdmCommands F2.7 SpeedSupervision_Integration EOA_overpassed F2.7 SpeedSupervision_Integration EOA_overpassed F2.7 SpeedSupervision_Integration Target_Speed_Reached F2.8 ProvidePositionReport out_reportedBGs AggregatePackets outPackets F2.13 manageTIU_output outCommandStatusforEVC bothBrakesActive brakeCommand getTIUStatusFromCommand outStatus handleTraction outTrainCommands mapModeToTractionCutOff tractionCutOff TIU_OutputIntegration outTommandStatusforEVC calcDistances1 outLocationKP_Balise_Track calcDistances1 outLocationKP_Balise_Track calcDistances1 outDistanceKP_Balise calcDistances1 outDistanceCMP_Balise calcDistances1 to_DMI convert_cm_s_km_h1 km_h copyGradientElement1 continue copySpeedProfileElement1 toDMI copyTrackDescription1 toDMI cyclicReportToDMI1 packetDynamic new_menuRequest	MoRC_Main_v22	notReady
F2.7 SpeedSupervision_Integration sdmCommands F2.7 SpeedSupervision_Integration sdmCommands F2.7 SpeedSupervision_Integration EOA_overpassed F2.7 SpeedSupervision_Integration Target_Speed_Reached F2.8 ProvidePositionReport out_pertedBgs AggregatePackets outCommandStatusforEVC bothBrakesActive brakeCommand outStatus fandleTraction outTrainCommands mapModeToTractionCutOff tractionCutOff TIU_OutputIntegration outCommandStatusforEVC calcDistances1 outLoationActionFalise_Track calcDistances1 outLoationActionFpalise_Track calcDistances1 outDistanceFp_Balise calcDistances1 outDistanceFp_Balise calcDistances1 outDistanceFp_Balise calcDistances1 to_DMI convert_cm_s_km_h1 km_h copyGradientElement1 continue copySpeedProfileElement1 toDMI copySpeedProfileElement1 toDMI copyTrackDescription1 toDMI copyTrackDescription1 toDMI cyclicReportToDMI1 packetDynamic new_menuRequest	mobileDataRouter_out	data_2_RBC_1
F2.7 SpeedSupervision_Integration F2.7 SpeedSupervision_Integration F2.7 SpeedSupervision_Integration F2.8 ProvidePositionReport AggregatePackets F2.13 manageTIU_output bothBrakesActive brakeCommand getTIUStatusFromCommand mapModeToTractionCutOff TIU_OutputIntegration TIU_OutputIntegration TIU_OutputIntegration TIU_OutputIntegration TIU_OutputIntegration TIU_OutputIntegration CalcDistances1 calcDistances1 calcDistances1 calcDistances1 calcDistances1 collectDMIPackets1 copyGradientElement1 copySpeedProfileElement1 copyTrackDescription1 copyTrackDescription1 copyTrackDescription1 copyTrackDescription1 copyTrackDescription1 copyTrackDescription1 copyCradientElement1 copyInacketSpericine copyGradientElement1 copyTrackDescription1 copyTrackDescription1 copyCradientElement1 coptTrackDescription1 copyEnedProfileElement1 copyInacketDynamic copy_menuRequest	mobileDataRouter_out	data_2_RBC_2
F2.7 SpeedSupervision_Integration F2.7 SpeedSupervision_Integration F2.8 ProvidePositionReport AggregatePackets OutPackets F2.13 manageTIU_output OutCommandStatusforEVC ObthBrakesActive OutStatus AnaldeTraction MapModeToTractionCutOff TIU_OutputIntegration OutCommandStatusforEVC OutCommandStatusFormCommand OutStatus  MandleTraction MapModeToTractionCutOff TIU_OutputIntegration OutTut_to_API OutputIntegration OutCommandStatusforEVC CalcDistances1 OutLocationKP_Balise_Track CalcDistances1 OutLocationKP_Balise CalcDistances1 OutDistanceKP_Balise CalcDistances1 OutDistance_ToTSA CollectDMIPackets1 CopyGradientElement1 CopyGradientElement1 CopySpeedProfileElement1 CopySpeedProfileElement1 CopyTrackDescription1 CyclicReportToDMI1 CyclicReportToDMI1 DescriptionSatusforEVC DutCommandStatusforEVC OutCommandStatusforEVC OutCo	F2.7 SpeedSupervision_Integration	target
F2.7 SpeedSupervision_Integration F2.8 ProvidePositionReport Out_reportedBGs AggregatePackets OutPackets F2.13 manageTIU_output OutStatusFromCommand OutStatus AgareJustatusFromCommand OutStatus OutTrainCommands MandleTraction OutTrainCommands MandleTraction OutTrainCommands MandleTraction OutTrainCommands MandleTortactionCutOff TIU_OutputIntegration OutCommandStatusforEVC OutCommandStatu	F2.7 SpeedSupervision_Integration	sdmCommands
F2.8 ProvidePositionReport out_reportedBGs AggregatePackets outPackets  F2.13 manageTIU_output outCommandStatusforEVC bothBrakesActive brakeCommand getTIUStatusFromCommand outStatus handleTraction outTrainCommands mapModeToTractionCutOff tractionCutOff TIU_OutputIntegration outTIU_to_API TIU_OutputIntegration outCommandStatusforEVC calcDistances1 outLocationKP_Balise_Track calcDistances1 outDistanceKP_Balise calcDistances1 outDistanceToTSA collectDMIPackets1 to_DMI convert_cm_s_km_h1 km_h copyGradientElement1 continue copyGradientElement1 toDMI copySpeedProfileElement1 continue copySpeedProfileElement1 toDMI copyTrackDescription1 toDMI cyclicReportToDMI1 packetDynamic new_menuRequest	F2.7 SpeedSupervision_Integration	EOA_overpassed
AggregatePackets  F2.13 manageTIU_output  bothBrakesActive  bothBrakesActive  brakeCommand  getTIUStatusFromCommand  outStatus  handleTraction  boutTrainCommands  mapModeToTractionCutOff  TIU_OutputIntegration  TIU_OutputIntegration  calcDistances1  calcDistances1  calcDistances1  collectDMIPackets1  collectDMIPackets1  copyGradientElement1  copySpeedProfileElement1  copyTrackDescription1  cyclicReportToDMI1  cyclicReportToDMI1  doEntryRequest1  outCommandStatusforEVC  outCommandStatusforEVC  outCommandStatusforEVC  outCommandStatusforEVC  outDistanceFD_Balise  outDistanceFP_Balise  outDistance_ToTSA  to_DMI  km_h  continue  continue  toDMI  continue  toDMI  copySpeedProfileElement1  continue  toDMI  copyTrackDescription1  toDMI  cyclicReportToDMI1  packetDynamic  new_menuRequest	F2.7 SpeedSupervision_Integration	Target_Speed_Reached
F2.13 manageTIU_output outCommandStatusforEVC bothBrakesActive brakeCommand getTIUStatusFromCommand outStatus handleTraction outTrainCommands mapModeToTractionCutOff tractionCutOff TIU_OutputIntegration outTIU_to_API TIU_OutputIntegration outCommandStatusforEVC calcDistances1 outLocationKP_Balise_Track calcDistances1 outDistanceKP_Balise calcDistances1 outDistance_ToTSA collectDMIPackets1 to_DMI convert_cm_s_km_h1 km_h copyGradientElement1 continue copySpeedProfileElement1 toDMI copySpeedProfileElement1 toDMI copyTrackDescription1 toDMI cyclicReportToDMI1 packetDynamic doEntryRequest1 new_menuRequest	F2.8 ProvidePositionReport	out_reportedBGs
bothBrakesActive brakeCommand getTIUStatusFromCommand outStatus  handleTraction outTrainCommands  mapModeToTractionCutOff tractionCutOff  TIU_OutputIntegration outCommandStatusforEVC  calcDistances1 outLocationKP_Balise_Track  calcDistances1 outDistanceKP_Balise  calcDistances1 outDistance_ToTSA  collectDMIPackets1 to_DMI  convert_cm_s_km_h1 km_h  copyGradientElement1 continue  copyGradientElement1 toDMI  copySpeedProfileElement1 continue  copySpeedProfileElement1 toDMI  copyTrackDescription1 toDMI  cyclicReportToDMI1 packetDynamic  doEntryRequest1 new_menuRequest	AggregatePackets	outPackets
getTIUStatusFromCommand       outStatus         handleTraction       outTrainCommands         mapModeToTractionCutOff       tractionCutOff         TIU_OutputIntegration       outTIU_to_API         TIU_OutputIntegration       outCommandStatusforEVC         calcDistances1       outLocationKP_Balise_Track         calcDistances1       ouDistanceKP_Balise         calcDistances1       outDistance_ToTSA         collectDMIPackets1       to_DMI         convert_cm_s_km_h1       km_h         copyGradientElement1       continue         copyGradientElement1       toDMI         copySpeedProfileElement1       continue         copySpeedProfileElement1       toDMI         copyTrackDescription1       toDMI         cyclicReportToDMI1       packetDynamic         doEntryRequest1       new_menuRequest	F2.13 manageTIU_output	outCommandStatusforEVC
handleTraction outTrainCommands mapModeToTractionCutOff tractionCutOff TIU_OutputIntegration outCommandStatusforEVC calcDistances1 outLocationKP_Balise_Track calcDistances1 outDistanceKP_Balise calcDistances1 outDistance_ToTSA collectDMIPackets1 to_DMI convert_cm_s_km_h1 km_h copyGradientElement1 continue copyGradientElement1 continue copySpeedProfileElement1 toDMI copyTrackDescription1 toDMI cyclicReportToDMI1 packetDynamic doEntryRequest1 new_menuRequest	bothBrakesActive	brakeCommand
mapModeToTractionCutOff       tractionCutOff         TIU_OutputIntegration       outTIU_to_API         TIU_OutputIntegration       outCommandStatusforEVC         calcDistances1       outLocationKP_Balise_Track         calcDistances1       ouDistanceKP_Balise         calcDistances1       outDistance_ToTSA         collectDMIPackets1       to_DMI         convert_cm_s_km_h1       km_h         copyGradientElement1       continue         copyGradientElement1       continue         copySpeedProfileElement1       continue         copySpeedProfileElement1       toDMI         copyTrackDescription1       toDMI         cyclicReportToDMI1       packetDynamic         doEntryRequest1       new_menuRequest	getTIUStatusFromCommand	outStatus
TIU_OutputIntegration outCommandStatusforEVC  calcDistances1 outLocationKP_Balise_Track  calcDistances1 outDistanceKP_Balise  calcDistances1 outDistance_ToTSA  collectDMIPackets1 to_DMI  convert_cm_s_km_h1 km_h  copyGradientElement1 continue  copyGradientElement1 toDMI  copySpeedProfileElement1 continue  copySpeedProfileElement1 toDMI  copyTrackDescription1 toDMI  cyclicReportToDMI1 packetDynamic  doEntryRequest1 new_menuRequest	handleTraction	outTrainCommands
TIU_OutputIntegration outCommandStatusforEVC  calcDistances1 outLocationKP_Balise_Track  calcDistances1 ouDistanceKP_Balise  calcDistances1 outDistance_ToTSA  collectDMIPackets1 to_DMI  convert_cm_s_km_h1 km_h  copyGradientElement1 continue  copyGradientElement1 toDMI  copySpeedProfileElement1 continue  copySpeedProfileElement1 toDMI  copyTrackDescription1 toDMI  cyclicReportToDMI1 packetDynamic  doEntryRequest1 new_menuRequest	mapModeToTractionCutOff	tractionCutOff
calcDistances1     outLocationKP_Balise_Track       calcDistances1     ouDistanceKP_Balise       calcDistances1     outDistance_ToTSA       collectDMIPackets1     to_DMI       convert_cm_s_km_h1     km_h       copyGradientElement1     continue       copySpeedProfileElement1     continue       copySpeedProfileElement1     continue       copySpeedProfileElement1     toDMI       copyTrackDescription1     toDMI       cyclicReportToDMI1     packetDynamic       doEntryRequest1     new_menuRequest	TIU_OutputIntegration	outTIU_to_API
calcDistances1       ouDistanceKP_Balise         calcDistances1       outDistance_ToTSA         collectDMIPackets1       to_DMI         convert_cm_s_km_h1       km_h         copyGradientElement1       continue         copyGradientElement1       toDMI         copySpeedProfileElement1       continue         copySpeedProfileElement1       toDMI         copyTrackDescription1       toDMI         cyclicReportToDMI1       packetDynamic         doEntryRequest1       new_menuRequest	TIU_OutputIntegration	outCommandStatusforEVC
calcDistances1     outDistance_ToTSA       collectDMIPackets1     to_DMI       convert_cm_s_km_h1     km_h       copyGradientElement1     continue       copyGradientElement1     toDMI       copySpeedProfileElement1     continue       copySpeedProfileElement1     toDMI       copyTrackDescription1     toDMI       cyclicReportToDMI1     packetDynamic       doEntryRequest1     new_menuRequest	calcDistances1	outLocationKP_Balise_Track
collectDMIPackets1     to_DMI       convert_cm_s_km_h1     km_h       copyGradientElement1     continue       copyGradientElement1     toDMI       copySpeedProfileElement1     continue       copySpeedProfileElement1     toDMI       copyTrackDescription1     toDMI       cyclicReportToDMI1     packetDynamic       doEntryRequest1     new_menuRequest	calcDistances1	ouDistanceKP_Balise
convert_cm_s_km_h1       km_h         copyGradientElement1       continue         copySpeedProfileElement1       continue         copySpeedProfileElement1       toDMI         copySpeedProfileElement1       toDMI         copyTrackDescription1       toDMI         cyclicReportToDMI1       packetDynamic         doEntryRequest1       new_menuRequest	calcDistances1	outDistance_ToTSA
copyGradientElement1       continue         copyGradientElement1       toDMI         copySpeedProfileElement1       continue         copySpeedProfileElement1       toDMI         copyTrackDescription1       toDMI         cyclicReportToDMI1       packetDynamic         doEntryRequest1       new_menuRequest	collectDMIPackets1	to_DMI
copyGradientElement1     toDMI       copySpeedProfileElement1     continue       copySpeedProfileElement1     toDMI       copyTrackDescription1     toDMI       cyclicReportToDMI1     packetDynamic       doEntryRequest1     new_menuRequest	convert_cm_s_km_h1	km_h
copySpeedProfileElement1       continue         copySpeedProfileElement1       toDMI         copyTrackDescription1       toDMI         cyclicReportToDMI1       packetDynamic         doEntryRequest1       new_menuRequest	copyGradientElement1	continue
copySpeedProfileElement1     toDMI       copyTrackDescription1     toDMI       cyclicReportToDMI1     packetDynamic       doEntryRequest1     new_menuRequest	copyGradientElement1	toDMI
copyTrackDescription1 toDMI cyclicReportToDMI1 packetDynamic doEntryRequest1 new_menuRequest	copySpeedProfileElement1	continue
cyclicReportToDMI1 packetDynamic doEntryRequest1 new_menuRequest	copySpeedProfileElement1	toDMI
doEntryRequest1 new_menuRequest	copyTrackDescription1	toDMI
·	cyclicReportToDMI1	packetDynamic
doEntryRequest1 new_entryRequest	doEntryRequest1	new_menuRequest
	doEntryRequest1	new_entryRequest
doEntryRequest1 sendTrainDataToDMI	doEntryRequest1	sendTrainDataToDMI
doEntryRequest1 outLevelsNeeded	doEntryRequest1	outLevelsNeeded
doldentifierRequest1 identifierRequest	doldentifierRequest1	identifierRequest
isSendingNeeded1 sendingNeeded	isSendingNeeded1	sendingNeeded

mapEntryForLevel1	
παρεπαγι σιεσνοι	new_entryRequest
mapMoRCtoRadio_CS1	outBMI_CS
sendBrakesToDMI1	dmi_iconRequest
sendDynamic1	packetDynamic
sendLevelListPkg1	levelDataPkg
sendTrainData1	trainData_ForDMI
sendVersion1	VersionPkg
synchWithDMI1	send_dmi_identifierRequest
synchWithDMI1	updatedOutputStatus
F2.3 trainData	triggerFromTrainData
trainDataStorage	updatedStatus
sendAcknowledgementRBC	updatedStatus
checkRadioMessages	ackReceived
checkRadioMessages	ackRequested
sendValidTrainDataRBC	updatedStatus
linkedBG_missed	missed
linkedBG_missed	indexOfBG
linkedBG_missed	BG
linkedBG_missed	BGs_out
twoConsecutiveLinkedBGs_missed	secondConsecutiveBG_missed
addAnnouncedBGs	BGs_out
addAnnouncedBGs	overrun
calculateBGLocations	BGs
calculateBGLocations	errors
calculateBGLocations	passedPositionedBG
calculateTrainpositionAttributes	trainPosition
calculateTrainPositionInfo	trainPositionInfo
calculateTrainPositionInfo	positionCalculationNotConsistent
delDispensableBGs	BGs_out
msg_2_passedBG	passedBG
msg_2_passedBG	BG_passed
msg_2_passedBG	onlyBGsAnnouncedViaRadio
F2.5 ManageLevelAndMode	Data_To_BG_Management
Input	train_standstill
Input	driver_level_transition
Input	levelAck
Input	currentPosition
Input	ERTMS_capabilities
Input	outStartOfMissionEnded
Input	Data_From_Track_to_Level

Input Data_From_DMI_To_Mode  Input Data_From_DMI_To_Mode  Input Data_From_Localisation_To_Mode  Input Data_From_Localisation_To_Mode  Input Data_From_Speed_and_Supervision_To_Mode  Input Data_From_STM_to_Mode  Input Data_From_TIU_To_Mode  Input Data_From_TIU_To_Mode  Input Data_From_Track_To_Mode  ManageLevels TripTrainRequested  ManageLevels needsAckFromDriver  ManageLevels announcedLevelTransition  ManageLevels serviceBrakeRequested  ManageLevels connectionToRBCRequested  ManageLevels positionReportNeeded  ManageLevels isAvailableForUse  CheckLevelAndMode Level_Mode_Compatible  ManageModes CEP_Bravested  ManageModes  Input Data_From_To_Mode  Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  EvellsNew  Input Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  Input Data_From_Comedian_To_Mode  Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  Data_From_Sterion_To_Mode  Data_From_Comedian_To_Mode  Data_From_Co	e
Input Data_From_F2_Functions_to_Mode Input Data_From_Localisation_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode ManageLevels nextLevel ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels announcedLevelTransition ManageLevels serviceBrakeRequested ManageLevels connectionToRBCRequested ManageLevels positionReportNeeded ManageLevels isAvailableForUse CheckLevelAndMode Level_Mode_Compatible ManageModes  Data_From_Tr2_Functions_to_Mode	e
Input Data_From_Localisation_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode ManageLevels nextLevel ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels announcedLevelTransition ManageLevels serviceBrakeRequested ManageLevels connectionToRBCRequested ManageLevels positionReportNeeded ManageLevels levelIsNew ManageLevels isAvailableForUse CheckLevelAndMode Level_Mode_Compatible ManageModes	e
Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode ManageLevels nextLevel ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels announcedLevelTransition ManageLevels serviceBrakeRequested ManageLevels connectionToRBCRequested ManageLevels positionReportNeeded ManageLevels levelIsNew ManageLevels isAvailableForUse CheckLevelAndMode Level_Mode_Compatible ManageModes currentMode	е
Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode ManageLevels nextLevel ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels announcedLevelTransition ManageLevels serviceBrakeRequested ManageLevels connectionToRBCRequested ManageLevels positionReportNeeded ManageLevels levellsNew ManageLevels isAvailableForUse CheckLevelAndMode Level_Mode_Compatible ManageModes currentMode	e
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Input Data_From_Track_To_Mode  ManageLevels nextLevel  ManageLevels TripTrainRequested  ManageLevels needsAckFromDriver  ManageLevels announcedLevelTransition  ManageLevels serviceBrakeRequested  ManageLevels connectionToRBCRequested  ManageLevels positionReportNeeded  ManageLevels levelIsNew  ManageLevels isAvailableForUse  CheckLevelAndMode Level_Mode_Compatible  ManageModes currentMode	
ManageLevels       nextLevel         ManageLevels       TripTrainRequested         ManageLevels       needsAckFromDriver         ManageLevels       announcedLevelTransition         ManageLevels       serviceBrakeRequested         ManageLevels       connectionToRBCRequested         ManageLevels       positionReportNeeded         ManageLevels       levellsNew         ManageLevels       isAvailableForUse         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       currentMode	
ManageLevelsTripTrainRequestedManageLevelsneedsAckFromDriverManageLevelsannouncedLevelTransitionManageLevelsserviceBrakeRequestedManageLevelsconnectionToRBCRequestedManageLevelspositionReportNeededManageLevelslevelIsNewManageLevelsisAvailableForUseCheckLevelAndModeLevel_Mode_CompatibleManageModescurrentMode	
ManageLevelsneedsAckFromDriverManageLevelsannouncedLevelTransitionManageLevelsserviceBrakeRequestedManageLevelsconnectionToRBCRequestedManageLevelspositionReportNeededManageLevelslevelIsNewManageLevelsisAvailableForUseCheckLevelAndModeLevel_Mode_CompatibleManageModescurrentMode	
ManageLevels       announcedLevelTransition         ManageLevels       serviceBrakeRequested         ManageLevels       connectionToRBCRequested         ManageLevels       positionReportNeeded         ManageLevels       levelIsNew         ManageLevels       isAvailableForUse         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       currentMode	
ManageLevels       serviceBrakeRequested         ManageLevels       connectionToRBCRequested         ManageLevels       positionReportNeeded         ManageLevels       levelIsNew         ManageLevels       isAvailableForUse         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       currentMode	
ManageLevels connectionToRBCRequested  ManageLevels positionReportNeeded  ManageLevels levelIsNew  ManageLevels isAvailableForUse  CheckLevelAndMode Level_Mode_Compatible  ManageModes currentMode	
ManageLevels       positionReportNeeded         ManageLevels       levelIsNew         ManageLevels       isAvailableForUse         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       currentMode	
ManageLevelslevelIsNewManageLevelsisAvailableForUseCheckLevelAndModeLevel_Mode_CompatibleManageModescurrentMode	
ManageLevels isAvailableForUse CheckLevelAndMode Level_Mode_Compatible ManageModes currentMode	
CheckLevelAndMode Level_Mode_Compatible  ManageModes currentMode	
ManageModes currentMode	
MarrayMarlas	
ManageModes EB_Requested	
ManageModes Service_Brake_Command	
ManageModes Data_To_DMI	
ManageModes Data_To_BG_Management	
Output Compatible_Mode_And_Level	
Output Data_To_DMI	
Output Data_To_BG_Management	
Output Service_Brake_Command	
Output EB_Requested	
Output transitionPositionPassed	
F2.4 TrackAtlas NV_raw_out	
F2.4 TrackAtlas MA_onboard_out	
F2.4 TrackAtlas MRSP	
F2.4 TrackAtlas message147	
F2.4 TrackAtlas ces_accepted	
F2.4 TrackAtlas ces_revoked	
F2.4 TrackAtlas trip_train	
TrackAtlasETCS SSP_available	
TrackAtlasETCS NV_raw_out	
TrackAtlasETCS To_ModeAndLevel	
TrackAtlasETCS to_DMI	

Owner	Port
TrackAtlasETCS	to_Supervision
TrackAtlasETCS	MA_onboard_out
TrackAtlasETCS	MA_request_out
TrackAtlasETCS	bus_out
TrackAtlasETCS	message147
TrackAtlasETCS	ces_accepted
TrackAtlasETCS	ces_revoked
TrackAtlasETCS	trip_train
F2.9 MoRC_Main	ignoreMessagesFromRBC_except_m39_AckOfTerminationOfC
F2.9 MoRC_Main	sendAPositionReport
F2.9 MoRC_Main	cmdsToMobile
F2.9 MoRC_Main	memorizeTheLastRadioNetworkID
F2.9 MoRC_Main	currentRadioNetworkID
F2.9 MoRC_Main	orderTheRegistrationOfItsConnectedMobiles
F2.9 MoRC_Main	rejectOrderToContactRBC_or_RIU
F2.9 MoRC_Main	InformTheDriverThatNoConnectionWasSetup
F2.9 MoRC_Main	safeRadioConnectionStatus_toDriver
F2.9 MoRC_Main	mobileSWStatus
F2.9 MoRC_Main	requestTheSetupOfASafeRadioConnection
F2.9 MoRC_Main	requestReleaseOfSafeRadioConnectionWithTrackside
F2.9 MoRC_Main	sessionSuccessfullyEstablished
F2.9 MoRC_Main	sessionStatus
F2.9 MoRC_Main	MessageToRBC
F2.9 MoRC_Main	msgBus_out
F2.9 MoRC_Main	ready
Driver	Output1
Configuration1	Output1
ManageLevelAndMode	Service_Brake_Command
ManageLevelAndMode	EB_Requested
ManageLevelAndMode	Compatible_Mode_And_Level
ManageLevelAndMode	Data_To_BG_Management
ManageLevelAndMode	announcedLevel
ManageLevelAndMode	Data_To_DMI_Ack
Input	train_standstill
Input	levelAck
Input	outStartOfMissionEnded
Input	driver_level_transition
Input	currentPosition
Input	ERTMS_capabilities
Input	Data_From_Track_to_Level

Input Data_From_DMI_To_Mode Input Data_From_DMI_To_Mode Input Data_From_F2_Functions_to_Mode Input Data_From_Localisation_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_SPEed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels serviceBrakeRequested ManageLevels announced_level_transition ManageLevels positionReportNeeded ManageLevels isAvailableForUse ManageLevels announcedLevelTransition ManageLevels announcedLevelTransition ManageLevels connectionToRBCRequested CheckLevelAndMode Level_Mode_Compatible ManageModes Service_Brake_Command ManageModes CurrentMode	
Input Data_From_F2_Functions_to_Mode Input Data_From_Localisation_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode  ManageLevels TripTrainRequested ManageLevels serviceBrakeRequested ManageLevels serviceBrakeRequested ManageLevels announced_level_transition ManageLevels positionReportNeeded ManageLevels isAvailableForUse ManageLevels announcedLevelTransition ManageLevels connectionToRBCRequested CheckLevelAndMode Level_Mode_Compatible ManageModes Service_Brake_Command ManageModes ManageModes CurrentMode	
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Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode  ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels serviceBrakeRequested ManageLevels nextLevel ManageLevels announced_level_transition ManageLevels positionReportNeeded ManageLevels isAvailableForUse ManageLevels announcedLevelTransition ManageLevels connectionToRBCRequested CheckLevelAndMode Level_Mode_Compatible ManageModes Service_Brake_Command ManageModes ManageModes CurrentMode	
Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode  ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels serviceBrakeRequested ManageLevels nextLevel ManageLevels announced_level_transition ManageLevels positionReportNeeded ManageLevels levellsNew ManageLevels isAvailableForUse ManageLevels announcedLevelTransition ManageLevels connectionToRBCRequested CheckLevelAndMode Level_Mode_Compatible ManageModes Service_Brake_Command ManageModes CurrentMode	
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Input Data_From_Track_To_Mode  ManageLevels TripTrainRequested  ManageLevels needsAckFromDriver  ManageLevels serviceBrakeRequested  ManageLevels nextLevel  ManageLevels announced_level_transition  ManageLevels positionReportNeeded  ManageLevels levellsNew  ManageLevels isAvailableForUse  ManageLevels announcedLevelTransition  ManageLevels connectionToRBCRequested  CheckLevelAndMode Level_Mode_Compatible  ManageModes Service_Brake_Command  ManageModes  CurrentMode	
ManageLevels ManageModes  EB_Requested ManageModes ManageModes  Service_Brake_Command ManageModes  CurrentMode	
ManageLevels       needsAckFromDriver         ManageLevels       serviceBrakeRequested         ManageLevels       nextLevel         ManageLevels       announced_level_transition         ManageLevels       positionReportNeeded         ManageLevels       levellsNew         ManageLevels       isAvailableForUse         ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       currentMode	
ManageLevels serviceBrakeRequested  ManageLevels nextLevel  ManageLevels announced_level_transition  ManageLevels positionReportNeeded  ManageLevels levellsNew  ManageLevels isAvailableForUse  ManageLevels announcedLevelTransition  ManageLevels connectionToRBCRequested  CheckLevelAndMode Level_Mode_Compatible  ManageModes EB_Requested  ManageModes Service_Brake_Command  ManageModes currentMode	
ManageLevels       nextLevel         ManageLevels       announced_level_transition         ManageLevels       positionReportNeeded         ManageLevels       levellsNew         ManageLevels       isAvailableForUse         ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       currentMode	
ManageLevels       announced_level_transition         ManageLevels       positionReportNeeded         ManageLevels       levelIsNew         ManageLevels       isAvailableForUse         ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       currentMode	
ManageLevels       positionReportNeeded         ManageLevels       levelIsNew         ManageLevels       isAvailableForUse         ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       currentMode	
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ManageLevels       isAvailableForUse         ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       currentMode	
ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       currentMode	
ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       currentMode	
CheckLevelAndMode     Level_Mode_Compatible       ManageModes     EB_Requested       ManageModes     Service_Brake_Command       ManageModes     currentMode	
ManageModes EB_Requested  ManageModes Service_Brake_Command  ManageModes currentMode	
ManageModes Service_Brake_Command ManageModes currentMode	
ManageModes currentMode	
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ManageModes Data_To_DMI	
ManageModes Data_To_BG_Management	
Output Service_Brake_Command	
Output EB_Requested	
Output transitionPositionPassed	
Output Compatible_Mode_And_Level	
Output Data_To_DMI	
Output Data_To_BG_Management	
ETCS OBU DriverOut	
ETCS OBU RBCOut	
ETCS OBU TrainOut	
F2 ETCS Kernel resetOut	
F2 ETCS Kernel debugTrainPositionNominal	
F2 ETCS Kernel debugTrainPositionDeltaMax	
F2 ETCS Kernel debugTrainPositionDeltaMin	
F2 ETCS Kernel debugPermittedSpeed	
F2 ETCS Kernel debuglinterventionSpeed	
F2 ETCS Kernel debugCurrentMode	

Owner	Port
F2 ETCS Kernel	debugCurrentLevel
CheckBGConsistency	badBaliseMessageToDMI
CheckBGConsistency	errorLinkedBG
CheckBGConsistency	errorUnlinkedBG
CheckBGConsistency	incompatibleVersion
CaseLinkingNotInUse1	badBaliseMessageToDMI
InformationFilter	outAcceptedMessage
CheckEuroRadioMessage	radioSequenceError
CheckEuroRadioMessage	tNvContactError
CheckEuroRadioMessage	otherTimingError
CheckEuroRadioMessage	radioMessageConsistencyError
F2.10 manageDMI_Input	fromDMI_Identifier
F2.10 manageDMI_Input	fromDMI_DriverIdentifier
F2.10 manageDMI_Input	fromDMI_RadioNetData
F2.10 manageDMI_Input	fromDMI_Icon_Ack
F2.10 manageDMI_Input	fromDMI_AdhesionFactor
changeLevelByDiver1	ML_levelTransition
changeLevelByDiver1	updatedNTC
doDriverRequests1	outDriverRequestToModes
doDriverRequests1	outDriverRequestToLevels
receiveRequestsModesAndLevel1	forModesAndLevel
receiveRequestsModesAndLevel1	outStatusList
receiveRequestsModesAndLevel1	outDriverRequestToLevels
triggerForMA1	outForMA
updateDMIStatus1	newStatus
getTIUStatusFromData	outStatus
mergeTIU_Info	updatedInfo
selectTrainData	outTrainData
F2.2 Manage_ETCS_Procedures	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management
F2.2 Manage_ETCS_Procedures	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana
F2.2 Manage_ETCS_Procedures	start_ack_to_TIU
SoM_NTC_SN	start_ack_to_TIU
SoM_SR_FS_OS_LS_SH_SN_UN	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management
SoM_SR_FS_OS_LS_SH_SN_UN	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana
SoM_SR_FS_OS_LS_SH_SN_UN	start_ack_to_TIU
F2.9 MoRC_HO	radioStatus_2
F2.9 MoRC_HO	mobileConnectionCmd_2
F2.9 MoRC_HO	mobileRegistrationCmd_2
F2.9 MoRC_HO	safeRadioIndication
F2.9 MoRC_HO	bufferInformationFromAcceptingRBC

F2.9 MoRC_HO  F2.9 MoRC_HO  msgBus_2_RBC_1  F2.9 MoRC_HO  msgBus_2_RBC_2  F2.9 MoRC_HO  friggerPositionReport  F2.9 MoRC_HO  friggerTrainData  F2.9 MoRC_HO  friggerTrainData  F2.9 MoRC_HO  friggerTroinData  f2.9 MoRC_A  f2.9 MoRC_A  f2.9 MoRC_A  f2.9 MoRC_A  f2.9 MoRC_1  f2.9 MoRC_1  f2.9 MoRC_1  f2.9 MoRC_2  f2.9 MoRC_1  f2.9	
F2.9 MORC_HO F2.9 MORC_Main_v21 F2.9 MORC_Mai	
F2.9 MORC_HO  F3.9 MORC_L  F3.9 MORC_HO  F3.9 MORC_L  F3.9 MORC_Main_v21	
F2.9 MoRC_HO F3.9 MoRC_HO F3.9 MoRC_HO F3.9 MoRC_HO F4.9 MoRC_HO F5.9 MoRC_L F5.9 MoRC_HO F5.9 MoRC_L F5.9 MoRC_L F5.9 MoRC_HO F5.9 MoRC_L F5.9 MoR	
F2.9 MoRC_HO F2.9 MoRC_HO infomDriverNoCompatibleVersionSupported F2.9 MoRC_HO memorizeTheLastRadioNetworkID F2.9 MoRC_HO processHandingOver proce	
F2.9 MoRC_HO F2.9 MoRC_HO memorizeTheLastRadioNetworkID F2.9 MoRC_HO lastReceivedRadioNetworkID processHandingOver processHandi	
F2.9 MoRC_HO  F2.9 MoRC_HO  BastReceivedRadioNetworkID  BastReceivedRadioNetvorkID  Bastlerence Andreceiver  Bastlerence Andrece  Bastlerence	
F2.9 MoRC_HO processHandingOver	
processHandingOver sessionCmds_2_MoRC_1 processHandingOver sendPositionReport_2_handingOverRBC processHandingOver sendPositionReport_2_handingOverRBC processHandingOver sendTrainData_2_acceptingRBC processHandingOver sendTrainData_2_acceptingRBC processHandingOver bufferInformationFromAcceptingRBC processHandingOver supervisingRBC processHandingOver useInformationFromAcceptingRBC processHandingOver handingOverMobile_is_mobile_1 processHandingOver trainPassesA_RBC_RBC_border_WithItsFrontEn processHandingOver notReady MoRC_Main_v21 msgToRBC MoRC_Main_v21 sendAPositionReport MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
processHandingOver sendPositionReport_2_handingOverRBC processHandingOver sendPositionReport_2_handingOverRBC processHandingOver sendPositionReport_2_acceptingRBC processHandingOver sendTrainData_2_acceptingRBC processHandingOver bufferInformationFromAcceptingRBC processHandingOver supervisingRBC processHandingOver useInformationFromAcceptingRBC processHandingOver handingOverMobile_is_mobile_1 processHandingOver trainPassesA_RBC_RBC_border_WithItsFrontEn processHandingOver notReady MoRC_Main_v21 sendAPositionReport MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
processHandingOver sendPositionReport_2_handingOverRBC processHandingOver sendPositionReport_2_acceptingRBC processHandingOver sendTrainData_2_acceptingRBC processHandingOver bufferInformationFromAcceptingRBC processHandingOver supervisingRBC processHandingOver useInformationFromAcceptingRBC processHandingOver handingOverMobile_is_mobile_1 processHandingOver trainPassesA_RBC_RBC_border_WithItsFrontEn processHandingOver notReady MoRC_Main_v21 msgToRBC MoRC_Main_v21 sendAPositionReport MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
processHandingOver sendPositionReport_2_acceptingRBC processHandingOver sendTrainData_2_acceptingRBC processHandingOver bufferInformationFromAcceptingRBC processHandingOver supervisingRBC processHandingOver useInformationFromAcceptingRBC processHandingOver handingOverMobile_is_mobile_1 processHandingOver trainPassesA_RBC_RBC_border_WithItsFrontEn processHandingOver notReady MoRC_Main_v21 msgToRBC MoRC_Main_v21 sendAPositionReport MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
processHandingOver sendTrainData_2_acceptingRBC processHandingOver bufferInformationFromAcceptingRBC processHandingOver supervisingRBC processHandingOver useInformationFromAcceptingRBC processHandingOver handingOverMobile_is_mobile_1 processHandingOver trainPassesA_RBC_RBC_border_WithItsFrontEn processHandingOver notReady MoRC_Main_v21 msgToRBC MoRC_Main_v21 sendAPositionReport MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
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processHandingOver supervisingRBC  processHandingOver useInformationFromAcceptingRBC  processHandingOver handingOverMobile_is_mobile_1  processHandingOver trainPassesA_RBC_RBC_border_WithItsFrontEn  processHandingOver notReady  MoRC_Main_v21 msgToRBC  MoRC_Main_v21 sendAPositionReport  MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
processHandingOver useInformationFromAcceptingRBC processHandingOver handingOverMobile_is_mobile_1 processHandingOver trainPassesA_RBC_RBC_border_WithItsFrontEn processHandingOver notReady MoRC_Main_v21 msgToRBC MoRC_Main_v21 sendAPositionReport MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
processHandingOver handingOverMobile_is_mobile_1  processHandingOver trainPassesA_RBC_RBC_border_WithItsFrontEn  processHandingOver notReady  MoRC_Main_v21 msgToRBC  MoRC_Main_v21 sendAPositionReport  MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
processHandingOver trainPassesA_RBC_RBC_border_WithItsFrontEn processHandingOver notReady  MoRC_Main_v21 msgToRBC  MoRC_Main_v21 sendAPositionReport  MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
processHandingOver notReady  MoRC_Main_v21 msgToRBC  MoRC_Main_v21 sendAPositionReport  MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
MoRC_Main_v21 msgToRBC  MoRC_Main_v21 sendAPositionReport  MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	t
MoRC_Main_v21 sendAPositionReport  MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
MoRC_Main_v21 rejectOrderToContactRBC_or_RIU	
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MoRC Main v21 infomDriverNoCompatibleVersionSupported	
morto_mani_vz1	
MoRC_Main_v21 status	
MoRC_Main_v21 safeRadioIndication	
MoRC_Main_v21 mobileConnectionCmd	
MoRC_Main_v21 mobileRegistrationCmd	
MoRC_Main_v21 memorizeTheLastRadioNetworkID	
MoRC_Main_v21 lastReceivedRadioNetworkID	
MoRC_Main_v21 notReady	
MoRC_Main_v22 msgToRBC	
MoRC_Main_v22 sendAPositionReport	
MoRC_Main_v22 rejectOrderToContactRBC_or_RIU	
MoRC_Main_v22 infomDriverNoCompatibleVersionSupported	
MoRC_Main_v22 status	
MoRC_Main_v22 safeRadioIndication	
MoRC_Main_v22 mobileConnectionCmd	
MoRC_Main_v22 mobileRegistrationCmd	
MoRC_Main_v22 memorizeTheLastRadioNetworkID	

MoRC_Main_v22  MoRC_Main_v22	lastReceivedRadioNetworkID
	notDoody
	notReady
mobileDataRouter_out	data_2_RBC_1
mobileDataRouter_out	data_2_RBC_2
F2.7 SpeedSupervision_Integration	target
F2.7 SpeedSupervision_Integration	sdmCommands
F2.7 SpeedSupervision_Integration	EOA_overpassed
F2.7 SpeedSupervision_Integration	Target_Speed_Reached
F2.8 ProvidePositionReport	out_reportedBGs
AggregatePackets	outPackets
F2.13 manageTIU_output	outCommandStatusforEVC
bothBrakesActive	brakeCommand
getTIUStatusFromCommand	outStatus
handleTraction	outTrainCommands
mapModeToTractionCutOff	tractionCutOff
TIU_OutputIntegration	outTIU_to_API
TIU_OutputIntegration	outCommandStatusforEVC
calcDistances1	outLocationKP_Balise_Track
calcDistances1	ouDistanceKP_Balise
calcDistances1	outDistance_ToTSA
collectDMIPackets1	to_DMI
convert_cm_s_km_h1	km_h
copyGradientElement1	continue
copyGradientElement1	toDMI
copySpeedProfileElement1	continue
copySpeedProfileElement1	toDMI
copyTrackDescription1	toDMI
cyclicReportToDMI1	packetDynamic
doEntryRequest1	new_menuRequest
doEntryRequest1	new_entryRequest
doEntryRequest1	sendTrainDataToDMI
doEntryRequest1	outLevelsNeeded
doldentifierRequest1	identifierRequest
isSendingNeeded1	sendingNeeded
mapEntryForLevel1	new_entryRequest
mapMoRCtoRadio_CS1	outBMI_CS
sendBrakesToDMI1	dmi_iconRequest
sendDynamic1	packetDynamic
sendLevelListPkg1	levelDataPkg
sendTrainData1	trainData_ForDMI

Owner	Port
sendVersion1	VersionPkg
synchWithDMI1	send_dmi_identifierRequest
synchWithDMI1	updatedOutputStatus
F2.3 trainData	triggerFromTrainData
trainDataStorage	updatedStatus
sendAcknowledgementRBC	updatedStatus
checkRadioMessages	ackReceived
checkRadioMessages	ackRequested
sendValidTrainDataRBC	updatedStatus
linkedBG_missed	missed
linkedBG_missed	indexOfBG
linkedBG_missed	BG
linkedBG_missed	BGs_out
twoConsecutiveLinkedBGs_missed	secondConsecutiveBG_missed
addAnnouncedBGs	BGs_out
addAnnouncedBGs	overrun
calculateBGLocations	BGs
calculateBGLocations	errors
calculateBGLocations	passedPositionedBG
calculateTrainpositionAttributes	trainPosition
calculateTrainPositionInfo	trainPositionInfo
calculateTrainPositionInfo	positionCalculationNotConsistent
delDispensableBGs	BGs_out
msg_2_passedBG	passedBG
msg_2_passedBG	BG_passed
msg_2_passedBG	onlyBGsAnnouncedViaRadio
F2.5 ManageLevelAndMode	Data_To_BG_Management
Input	train_standstill
Input	driver_level_transition
Input	levelAck
Input	currentPosition
Input	ERTMS_capabilities
Input	outStartOfMissionEnded
Input	Data_From_Track_to_Level
Input	Cab
Input	Data_From_DMI_To_Mode
Input	Data_From_F2_Functions_to_Mode
Input	Data_From_Localisation_To_Mode
Input	Data_From_Speed_and_Supervision_To_Mode
Input	Data_From_STM_to_Mode

Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode ManageLevels nextLevel ManageLevels TripTrainRequested ManageLevels necedsAckFromDriver ManageLevels necedsAckFromDriver ManageLevels necedsAckFromDriver ManageLevels necedsAckFromDriver ManageLevels serviceBrakeRequested ManageLevels connectionToRBCRequested ManageLevels positionReportNeeded ManageLevels levelIsNew ManageLevels levelIsNew ManageLevels isAvailableForUse CheckLevelAndMode Level_Mode_Compatible ManageModes currentMode ManageModes Service_Brake_Command ManageModes Service_Brake_Command ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_DMI Output Compatible Mode And Level Output Data_To_DMI Output Service_Brake_Command Output Service_Brake_Command Output Be_Requested  Output Service_Brake_Command F2_4 TrackAtlas NV_raw_out F2_4 TrackAtlas MA_onboard_out F2_4 TrackAtlas nessage147 F2_5 TrackAtlas nessage147 F2_6 TrackAtlas nessage147 F3_6 MA_onboard_out TrackAtlasETCS nessage147 F3_6 MA_onboard_out TrackAtlasETCS nessage147 F3_6 MA_onboard_out TrackAtlasETCS nessage147	Owner	Port
ManageLevels ManageModes Manag	Input	Data_From_TIU_To_Mode
ManageLevels needsAckFromDriver ManageLevels announcedLevelTransition ManageLevels serviceBrakeRequested ManageLevels serviceBrakeRequested ManageLevels positionReportNeeded ManageLevels positionReportNeeded ManageLevels positionReportNeeded ManageLevels isAvailableForUse ManageLevels isAvailableForUse ManageModes Level Mode_Compatible ManageModes EB_Requested ManageModes Service Brake Command ManageModes Service Brake Command ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_BG_Management Output Compatible_Mode_And_Level Output Data_To_BG_Management Output Service_Brake_Command Output Service_Brake_Command  Output Data_To_BG_Management Output TeB_Requested Output TeB_Requested Output TeB_Requested Output TransitionPositionPassed F2.4 TrackAtlas F2.4 TrackAtlas MA_onboard_out F2.4 TrackAtlas MA_onboard_out F2.4 TrackAtlas TeB_A MA_request F2.4 TrackAtlas TrackAtlas TeB_A MA_noboard_out F2.4 TrackAtlas TeB_A MA_noboard_out F2.4 TrackAtlasETCS F2.4 TrackAtlas	Input	Data_From_Track_To_Mode
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ManageLevels announcedLevelTransition ManageLevels serviceBrakeRequested ManageLevels positionReportNeeded ManageLevels positionReportNeeded ManageLevels levelIsNew ManageLevels levelIsNew ManageLevels levelIsNew ManageLevels levelIsNew ManageModes levelMode_Compatible ManageModes currentMode ManageModes EB_Requested ManageModes Service Brake_Command ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_DMI Output Compatible_Mode_And_Level Output Data_To_DMI Output Service_Brake_Command Output Service_Brake_Command EB_Requested Output Service_Brake_Command Output transitionPositionPassed F2.4 TrackAtlas MA_onboard_out F2.4 TrackAtlas MA_onboard_out F2.4 TrackAtlas ces_accepted F2.4 TrackAtlas ces_revoked F2.4 TrackAtlas ces_revoked F2.4 TrackAtlas trip_train TrackAtlasETCS Seperusion TrackAtlasETCS to_DMI TrackAtlasETCS to_DMI TrackAtlasETCS MA_onboard_out TrackAtlasETCS Seperusion TrackAtlasETCS Seperusion TrackAtlasETCS Seperusion TrackAtlasETCS MA_onboard_out TrackAtlasETCS Seperusion TrackAtlasETCS Seperusion TrackAtlasETCS Seperusion TrackAtlasETCS MA_onboard_out TrackAtlasETCS Seperusion TrackAtlasETCS Seperusion TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_onboard_out TrackAtlasETCS Seperusion TrackAtlasETCS Seperusion TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_onboard_out	ManageLevels	TripTrainRequested
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ManageLevels positionToRBCRequested ManageLevels positionReportNeeded ManageLevels levellsNew ManageLevels isAvallableForUse CheckLevelAndMode Level_Mode_Compatible CheckLevelAndMode Level_Mode_Compatible ManageModes EB_Requested ManageModes Service_Brake_Command ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_BG_Management Output Compatible_Mode_And_Level Output Data_To_DMI Output Data_To_DMI Output Service_Brake_Command EB_Requested Output EB_Requested Output Service_Brake_Command F2.4 TrackAtlas Ny_raw_out F2.4 TrackAtlas MA_onboard_out F2.4 TrackAtlas MRSP F2.4 TrackAtlas ces_accepted F2.4 TrackAtlas ces_revoked F2.4 TrackAtlas trip_train TrackAtlasETCS TrackAtlaseTCS TrackAtlasETCS to_DMI TrackAtlasETCS MA_enquest_out	ManageLevels	announcedLevelTransition
ManageLevels positionReportNeeded ManageLevels levelIsNew ManageLevels isAvailableForUse CheckLevelAndMode Level_Mode_Compatible ManageModes currentMode ManageModes EB_Requested ManageModes Service_Brake_Command ManageModes Data_To_DMI ManageModes Data_To_BMI ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_DMI Output Compatible Mode_And_Level Output Data_To_BMI Output Service_Brake_Command Output Service_Brake_Command Output EB_Requested Output transitionPositionPassed F2.4 TrackAtlas NV_raw_out F2.4 TrackAtlas MA_onboard_out F2.4 TrackAtlas message147 F2.4 TrackAtlas ces_accepted F2.4 TrackAtlas ces_revoked F2.4 TrackAtlas tip_train TrackAtlasETCS SSP_available TrackAtlasETCS To_MM_onboard_out TrackAtlasETCS to_Supervision TrackAtlasETCS MA_request_out	ManageLevels	serviceBrakeRequested
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CheckLevelAndMode  ManageModes  ManageModes  EB_Requested  ManageModes  Service_Brake_Command  ManageModes  Data_To_BG_Management  Output  Output  Output  Output  Output  Service_Brake_Command  Data_To_BG_Management  Output  Output  Data_To_DMI  Output  Service_Brake_Command  Output  Data_To_BG_Management  Output  Service_Brake_Command  Output  EB_Requested  Output  TransitionPositionPassed  F2.4 TrackAtlas  NV_raw_out  F2.4 TrackAtlas  MA_onboard_out  F2.4 TrackAtlas  MRSP  F2.4 TrackAtlas  MRSP  F2.4 TrackAtlas  F2.4 TrackAtlas  Ces_accepted  F2.4 TrackAtlas  Ces_revoked  F2.4 TrackAtlas  TrackAtlas  TrackAtlasETCS  NV_raw_out  TrackAtlasETCS  To_ModeAndLevel  TrackAtlasETCS  TrackAtlasETCS  MA_onboard_out  TrackAtlasETCS  TrackAtlasETCS  To_Supervision  TrackAtlasETCS  MA_onboard_out  TrackAtlasETCS  MA_request_out  TrackAtlasETCS  MA_request_out	ManageLevels	levellsNew
ManageModes ManageModes ManageModes ManageModes ManageModes ManageModes ManageModes ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_BG_Management Output Compatible_Mode_And_Level Output Data_To_DMI Output Data_To_BM_Management Output Service_Brake_Command Output EB_Requested Output transitionstionPassed F2.4 TrackAtlas NV_raw_out F2.4 TrackAtlas MA_onboard_out F2.4 TrackAtlas MRSP F2.4 TrackAtlas MRSP F2.4 TrackAtlas MRSP F2.4 TrackAtlas Ces_accepted F2.4 TrackAtlas Ces_evoked F2.4 TrackAtlas TrackAtlasETCS MV_raw_out TrackAtlasETCS To_ModeAndLevel TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_ponboard_out TrackAtlasETCS MA_ponboard_out TrackAtlasETCS MA_ponboard_out TrackAtlasETCS MA_ponboard_out TrackAtlasETCS MA_ponboard_out TrackAtlasETCS MA_request_out TrackAtlasETCS MA_request_out	ManageLevels	isAvailableForUse
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ManageModes  ManageModes  Data_To_DMI  ManageModes  Data_To_BG_Management  Output  Compatible_Mode_And_Level  Output  Data_To_DMI  Output  Data_To_DMI  Output  Data_To_DMI  Output  Data_To_BG_Management  Output  Data_To_BG_Management  Output  EB_Requested  Output  Compatible_Mode_And_Level  Data_To_DMI  Data_To_DMI  Data_To_DMI  Data_To_DMI  Data_To_BG_Management  Service_Brake_Command  EB_Requested  Output  transitionPositionPassed  F2.4 TrackAtlas  NV_raw_out  F2.4 TrackAtlas  MA_onboard_out  F2.4 TrackAtlas  MRSP  F2.4 TrackAtlas  MRSP  F2.4 TrackAtlas  F2.4 TrackAtlas  Ces_accepted  F2.4 TrackAtlas  Ces_revoked  F2.4 TrackAtlas  trip_train  TrackAtlasETCS  SSP_available  TrackAtlasETCS  To_ModeAndLevel  TrackAtlasETCS  To_DMI  TrackAtlasETCS  MA_onboard_out  TrackAtlasETCS  MA_nequest_out  TrackAtlasETCS  MA_request_out  TrackAtlasETCS  MA_request_out	ManageModes	currentMode
ManageModes Data_To_DMI ManageModes Data_To_BG_Management Output Compatible_Mode_And_Level Output Data_To_DMI Output Data_To_BG_Management Output Data_To_BG_Management Output Service_Brake_Command Dutput EB_Requested Output transitionPositionPassed F2.4 TrackAtlas MA_onboard_out F2.4 TrackAtlas MRSP F2.4 TrackAtlas MRSP F2.4 TrackAtlas MRSP F2.4 TrackAtlas Ces_accepted F2.4 TrackAtlas Ces_revoked F2.4 TrackAtlas TrackAtlasETCS SSP_available TrackAtlasETCS To_ModeAndLevel TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS MA_onboard_out TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_onboard_out TrackAtlasETCS TrackAtlasETCS MA_onboard_out TrackAtlasETCS TrackAtlasETCS MA_request_out Duscate TrackAtlasETCS Duscate TrackAtlasETCS MA_request_out Duscate TrackAtlasETCS Duscate TrackAtlasETCS MA_request_out Duscate TrackAtlasETCS Duscate TrackAtlasETCS Duscate TrackAtlasETCS Duscate TrackAtlasETCS MA_request_out Duscate TrackAtlasETCS Duscate TrackAtlasETCS Duscate TrackAtlasETCS Duscate TrackAtlasETCS MA_request_out Duscate TrackAtlasETCS Duscate TrackAtlas	ManageModes	EB_Requested
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TrackAtlasETCS         NV_raw_out           TrackAtlasETCS         To_ModeAndLevel           TrackAtlasETCS         to_DMI           TrackAtlasETCS         to_Supervision           TrackAtlasETCS         MA_onboard_out           TrackAtlasETCS         MA_request_out           TrackAtlasETCS         bus_out	F2.4 TrackAtlas	trip_train
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TrackAtlasETCS MA_onboard_out TrackAtlasETCS MA_request_out TrackAtlasETCS bus_out	TrackAtlasETCS	to_DMI
TrackAtlasETCS MA_request_out TrackAtlasETCS bus_out	TrackAtlasETCS	to_Supervision
TrackAtlasETCS bus_out	TrackAtlasETCS	MA_onboard_out
	TrackAtlasETCS	MA_request_out
TrackAtlasETCS message147	TrackAtlasETCS	bus_out
moodage in	TrackAtlasETCS	message147
TrackAtlasETCS ces_accepted	TrackAtlasETCS	ces_accepted

Owner	Port
TrackAtlasETCS	ces_revoked
TrackAtlasETCS	trip_train
F2.9 MoRC_Main	ignoreMessagesFromRBC_except_m39_AckOfTerminationOfC
F2.9 MoRC_Main	sendAPositionReport
F2.9 MoRC_Main	cmdsToMobile
F2.9 MoRC_Main	memorizeTheLastRadioNetworkID
F2.9 MoRC_Main	currentRadioNetworkID
F2.9 MoRC_Main	orderTheRegistrationOfItsConnectedMobiles
F2.9 MoRC_Main	rejectOrderToContactRBC_or_RIU
F2.9 MoRC_Main	InformTheDriverThatNoConnectionWasSetup
F2.9 MoRC_Main	safeRadioConnectionStatus_toDriver
F2.9 MoRC_Main	mobileSWStatus
F2.9 MoRC_Main	requestTheSetupOfASafeRadioConnection
F2.9 MoRC_Main	requestReleaseOfSafeRadioConnectionWithTrackside
F2.9 MoRC_Main	sessionSuccessfullyEstablished
F2.9 MoRC_Main	sessionStatus
F2.9 MoRC_Main	MessageToRBC
F2.9 MoRC_Main	msgBus_out
F2.9 MoRC_Main	ready
Driver	Output1
Configuration1	Output1
MoRC_HO	radioStatus_2
MoRC_HO	mobileConnectionCmd_1
MoRC_HO	mobileConnectionCmd_2
MoRC_HO	mobileRegistrationCmd_1
MoRC_HO	mobileRegistrationCmd_2
MoRC_HO	safeRadioIndication
MoRC_HO	supervisingRBC
MoRC_HO	bufferInformationFromAcceptingRBC
MoRC_HO	trainPassesA_RBC_RBC_border_WithItsFrontEnd
MoRC_HO	msgBus_2_RBC_1
MoRC_HO	msgBus_2_RBC_2
MoRC_HO	triggerPositionReport
MoRC_HO	triggerTrainData
MoRC_HO	rejectOrderToContactRBC_or_RIU
MoRC_HO	infomDriverNoCompatibleVersionSupported
MoRC_HO	memorizeTheLastRadioNetworkID
MoRC_HO	lastReceivedRadioNetworkID
MoRC_HO	ready
processHandingOver	sessionCmds_2_MoRC_1

Owner	Port
processHandingOver	sessionCmds_2_MoRC_2
processHandingOver	sendPositionReport_2_handingOverRBC
processHandingOver	sendPositionReport_2_acceptingRBC
processHandingOver	sendTrainData_2_acceptingRBC
processHandingOver	bufferInformationFromAcceptingRBC
processHandingOver	supervisingRBC
processHandingOver	useInformationFromAcceptingRBC
processHandingOver	handingOverMobile_is_mobile_1
processHandingOver	trainPassesA_RBC_RBC_border_WithItsFrontEnd
processHandingOver	notReady
MoRC_Main_v21	msgToRBC
MoRC_Main_v21	sendAPositionReport
MoRC_Main_v21	rejectOrderToContactRBC_or_RIU
MoRC_Main_v21	infomDriverNoCompatibleVersionSupported
MoRC_Main_v21	status
MoRC_Main_v21	safeRadioIndication
MoRC_Main_v21	mobileConnectionCmd
MoRC_Main_v21	mobileRegistrationCmd
MoRC_Main_v21	memorizeTheLastRadioNetworkID
MoRC_Main_v21	IastReceivedRadioNetworkID
MoRC_Main_v21	notReady
MoRC_Main_v22	msgToRBC
MoRC_Main_v22	sendAPositionReport
MoRC_Main_v22	rejectOrderToContactRBC_or_RIU
MoRC_Main_v22	infomDriverNoCompatibleVersionSupported
MoRC_Main_v22	status
MoRC_Main_v22	safeRadioIndication
MoRC_Main_v22	mobileConnectionCmd
MoRC_Main_v22	mobileRegistrationCmd
MoRC_Main_v22	memorizeTheLastRadioNetworkID
MoRC_Main_v22	IastReceivedRadioNetworkID
MoRC_Main_v22	notReady
mobileDataRouter_out	data_2_RBC_1
mobileDataRouter_out	data_2_RBC_2
CheckBGConsistency	passedBG_out
CheckBGConsistency	applyServiceBrake
CheckBGConsistency	badBaliseMessageToDMI
CheckBGConsistency	errorLinkedBG
CheckBGConsistency	errorUnlinkedBG
CheckBGConsistency	incompatibleVersion
22.2.2.3	

CaseLinkingNotInUse1	badBaliseMessageToDMI
	badballselviessage i obivii
ProvidePositionReport	posRep
ProvidePositionReport	out_reportedBGs
ProvidePositionReport	packet0
ProvidePositionReport	packet1
ProvidePositionReport	posReport
AggregatePackets	outPackets
manageDMI_Output	to_DMI
manageDMI_Output	outStatusList
calcDistances1	outLocationKP_Balise_Track
calcDistances1	ouDistanceKP_Balise
calcDistances1	outDistance_ToTSA
collectDMIPackets1	to_DMI
convert_cm_s_km_h1	km_h
copyGradientElement1	continue
copyGradientElement1	toDMI
copySpeedProfileElement1	continue
copySpeedProfileElement1	toDMI
copyTrackDescription1	toDMI
cyclicReportToDMI1	packetDynamic
doEntryRequest1	new_menuRequest
doEntryRequest1	new_entryRequest
doEntryRequest1	sendTrainDataToDMI
doEntryRequest1	outLevelsNeeded
doldentifierRequest1	identifierRequest
isSendingNeeded1	sendingNeeded
mapEntryForLevel1	new_entryRequest
mapMoRCtoRadio_CS1	outBMI_CS
sendBrakesToDMI1	dmi_iconRequest
sendDynamic1	packetDynamic
sendLevelListPkg1	levelDataPkg
sendTrainData1	trainData_ForDMI
sendVersion1	VersionPkg
synchWithDMI1	send_dmi_identifierRequest
synchWithDMI1	updatedOutputStatus
F2 ETCS Kernel	resetOut
F2 ETCS Kernel	debugPermittedSpeed
F2 ETCS Kernel	debuglinterventionSpeed
F2 ETCS Kernel	API_toEuroradio
F2 ETCS Kernel	API_toDMI

Owner	Port
F2 ETCS Kernel	API_toTIU
F2 ETCS Kernel	debugTrainPositionNominal
F2 ETCS Kernel	debugTrainPositionDeltaMax
F2 ETCS Kernel	debugTrainPositionDeltaMin
F2 ETCS Kernel	debugCurrentMode
F2 ETCS Kernel	debugCurrentLevel
F2 ETCS Kernel	API_persistentDataOut
CheckBGConsistency	badBaliseMessageToDMI
CheckBGConsistency	errorLinkedBG
CheckBGConsistency	errorUnlinkedBG
CheckBGConsistency	incompatibleVersion
CaseLinkingNotInUse1	badBaliseMessageToDMI
InformationFilter	outAcceptedMessage
CheckEuroRadioMessage	radioSequenceError
CheckEuroRadioMessage	tNvContactError
CheckEuroRadioMessage	otherTimingError
CheckEuroRadioMessage	radioMessageConsistencyError
F2.10 manageDMI_Input	fromDMI_Identifier
F2.10 manageDMI_Input	fromDMI_DriverIdentifier
F2.10 manageDMI_Input	fromDMI_RadioNetData
F2.10 manageDMI_Input	fromDMI_lcon_Ack
F2.10 manageDMI_Input	fromDMI_AdhesionFactor
changeLevelByDiver1	ML_levelTransition
changeLevelByDiver1	updatedNTC
doDriverRequests1	outDriverRequestToLevels
doDriverRequests1	outDriverRequestToModes
receiveRequestsModesAndLevel1	outDriverRequestToLevels
receiveRequestsModesAndLevel1	forModesAndLevel
receiveRequestsModesAndLevel1	outStatusList
triggerForMA1	outForMA
updateDMIStatus1	newStatus
F2.12 manageTIU_input	tractionCutOff
getTIUStatusFromData	outStatus
mergeTIU_Info	updatedInfo
selectTrainData	outTrainData
F2.2 Manage_ETCS_Procedures	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management
F2.2 Manage_ETCS_Procedures	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana
F2.2 Manage_ETCS_Procedures	start_ack_to_TIU
SoM_NTC_SN	start_ack_to_TIU
SoM_SR_FS_OS_LS_SH_SN_UN	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management

Owner	Port
SoM_SR_FS_OS_LS_SH_SN_UN	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana
SoM_SR_FS_OS_LS_SH_SN_UN	start_ack_to_TIU
F2.9 MoRC_HO	bufferInformationFromAcceptingRBC
F2.9 MoRC_HO	trainPassesA_RBC_RBC_border_WithItsFrontEnd
F2.9 MoRC_HO	triggerPositionReport
F2.9 MoRC_HO	triggerTrainData
F2.9 MoRC_HO	rejectOrderToContactRBC_or_RIU
F2.9 MoRC_HO	infomDriverNoCompatibleVersionSupported
F2.9 MoRC_HO	memorizeTheLastRadioNetworkID
F2.9 MoRC_HO	radioStatus_2
F2.9 MoRC_HO	mobileConnectionCmd_2
F2.9 MoRC_HO	mobileRegistrationCmd_2
F2.9 MoRC_HO	safeRadioIndication
F2.9 MoRC_HO	msgBus_2_RBC_1
F2.9 MoRC_HO	msgBus_2_RBC_2
F2.9 MoRC_HO	lastReceivedRadioNetworkID
processHandingOver	sendPositionReport_2_handingOverRBC
processHandingOver	sendPositionReport_2_acceptingRBC
processHandingOver	sendTrainData_2_acceptingRBC
processHandingOver	bufferInformationFromAcceptingRBC
processHandingOver	supervisingRBC
processHandingOver	useInformationFromAcceptingRBC
processHandingOver	handingOverMobile_is_mobile_1
processHandingOver	trainPassesA_RBC_RBC_border_WithItsFrontEnd
processHandingOver	notReady
processHandingOver	sessionCmds_2_MoRC_1
processHandingOver	sessionCmds_2_MoRC_2
MoRC_Main_v21	sendAPositionReport
MoRC_Main_v21	rejectOrderToContactRBC_or_RIU
MoRC_Main_v21	infomDriverNoCompatibleVersionSupported
MoRC_Main_v21	memorizeTheLastRadioNetworkID
MoRC_Main_v21	notReady
MoRC_Main_v21	msgToRBC
MoRC_Main_v21	status
MoRC_Main_v21	safeRadioIndication
MoRC_Main_v21	mobileConnectionCmd
MoRC_Main_v21	mobileRegistrationCmd
MoRC_Main_v21	lastReceivedRadioNetworkID
MoRC_Main_v22	sendAPositionReport
MoRC_Main_v22	rejectOrderToContactRBC_or_RIU

MoRC_Main_v22 infomDriverNoCompatibleVer  MoRC_Main_v22 memorizeTheLastRadioN  MoRC_Main_v22 notReady  MoRC_Main_v22 msgToRBC  MoRC_Main_v22 status  MoRC_Main_v22 safeRadioIndicati  MoRC_Main_v22 mobileConnectionO  MoRC_Main_v22 mobileRegistrationO  MoRC_Main_v22 lastReceivedRadioNet  mobileDataRouter_out data_2_RBC_1  mobileDataRouter_out data_2_RBC_2  F2.7 SpeedSupervision_Integration Target_Speed_Rea	ion Cmd Cmd tworkID
MoRC_Main_v22         notReady           MoRC_Main_v22         msgToRBC           MoRC_Main_v22         status           MoRC_Main_v22         safeRadioIndicati           MoRC_Main_v22         mobileConnection           MoRC_Main_v22         mobileRegistration           MoRC_Main_v22         lastReceivedRadioNet           mobileDataRouter_out         data_2_RBC_1           mobileDataRouter_out         data_2_RBC_2           F2.7 SpeedSupervision_Integration         EOA_overpasse	ion Cmd Cmd tworkID
MoRC_Main_v22         msgToRBC           MoRC_Main_v22         status           MoRC_Main_v22         safeRadioIndicati           MoRC_Main_v22         mobileConnection@           MoRC_Main_v22         mobileRegistration@           MoRC_Main_v22         lastReceivedRadioNet@           mobileDataRouter_out         data_2_RBC_1           mobileDataRouter_out         data_2_RBC_2           F2.7 SpeedSupervision_Integration         EOA_overpasse	Cmd Cmd tworkID
MoRC_Main_v22       status         MoRC_Main_v22       safeRadioIndicati         MoRC_Main_v22       mobileConnectionOne	Cmd Cmd tworkID I
MoRC_Main_v22       safeRadioIndicati         MoRC_Main_v22       mobileConnection@         MoRC_Main_v22       mobileRegistration@         MoRC_Main_v22       lastReceivedRadioNet@         mobileDataRouter_out       data_2_RBC_1         mobileDataRouter_out       data_2_RBC_2         F2.7 SpeedSupervision_Integration       EOA_overpasse	Cmd Cmd tworkID
MoRC_Main_v22 mobileConnection0  MoRC_Main_v22 mobileRegistration0  MoRC_Main_v22 lastReceivedRadioNet  mobileDataRouter_out data_2_RBC_1  mobileDataRouter_out data_2_RBC_2  F2.7 SpeedSupervision_Integration EOA_overpasse	Cmd Cmd tworkID I
MoRC_Main_v22       mobileRegistration         MoRC_Main_v22       lastReceivedRadioNet         mobileDataRouter_out       data_2_RBC_1         mobileDataRouter_out       data_2_RBC_2         F2.7 SpeedSupervision_Integration       EOA_overpasse	Cmd tworkID I
MoRC_Main_v22 lastReceivedRadioNet mobileDataRouter_out data_2_RBC_1 mobileDataRouter_out data_2_RBC_2 F2.7 SpeedSupervision_Integration EOA_overpasse	tworkID I 2
mobileDataRouter_out         data_2_RBC_1           mobileDataRouter_out         data_2_RBC_2           F2.7 SpeedSupervision_Integration         EOA_overpasse	2
mobileDataRouter_out data_2_RBC_2 F2.7 SpeedSupervision_Integration EOA_overpasse	2
F2.7 SpeedSupervision_Integration EOA_overpasse	
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F2.7 SpeedSupervision_Integration Target_Speed_Rea	ed
	iched
F2.7 SpeedSupervision_Integration target	
F2.7 SpeedSupervision_Integration sdmCommands	S
F2.8 ProvidePositionReport out_reportedBG	is
AggregatePackets outPackets	
PosReport_Supervision out_reportedBG	is
PosReport_Supervision posRep	
ReceiveReportParameters posRep	
F2.13 manageTIU_output outCommandStatusfo	orEVC
bothBrakesActive brakeCommand	d
getTIUStatusFromCommand outStatus	
handleTraction outTrainComman	nds
mapModeToTractionCutOff tractionCutOff	
TIU_OutputIntegration outTIU_to_API	
TIU_OutputIntegration outCommandStatusfo	orEVC
calcDistances1 outLocationKP_Balise	e_Track
calcDistances1 ouDistanceKP_Ba	llise
calcDistances1 outDistance_ToT	SA
collectDMIPackets1 to_DMI	
convert_cm_s_km_h1 km_h	
copyGradientElement1 to_DMI	
copyGradientElement1 outStatusList	
copyGradientElement1 continue	
copyGradientElement1 toDMI	
copySpeedProfileElement1 fromDMI_TrainData	aAck
copySpeedProfileElement1 continue	
copySpeedProfileElement1 toDMI	
copyTrackDescription1 toDMI	

cyclicReportToDMI1 doEntryRequest1 doEntryRequest1 doEntryRequest1 new_menuRequest doEntryRequest1 new_entryRequest doEntryRequest1 isSendingNeeded1 sendingNeeded mapEntryForLevel1 new_entryRequest mapMoRCoRacio_CS1 outBMI_CS sendBrakesToDMI1 dmi_conRequest sendDynamic1 sendLevelListPkg1 levelDataPkg sendTrainData1 sendVersion1 sendVersion1 sendVersion1 sendVersion1 sendVersion1 sendVersion1 send_entrinerRequest r2.3 trainData trainDataStorage updatedOutpuStatus synchWithDMI1 send_dmi_identifierRequest rainDataStorage updatedStatus deteckRadioMessages checkRadioMessages deckRequested sendAcknowledgementRBC updatedStatus linkedBG_missed linkedBG_missed linkedBG_missed linkedBG_missed linkedBG_missed sendValidTrainDataRBC updatedStatus linkedBG_missed secondConsecutiveBG missed addAnnouncedBGs calculateBGLocations passedPositionedBG calculateTrainpositionAttributes trainPositionInfo delDispensableGs BGs_out msg_2_passedBG BG passed msg_2_passedBG BG passed msg_2_passedBG BG passed msg_2_passedBG	Owner	Port
doEntryRequest1 doEntryRequest1 doEntryRequest1 doEntryRequest1 doEntryRequest1 doEntryRequest1 doEntryRequest1 doEntryRequest1 doIndentifierRequest1 isSendingNeeded1 mapEntryForLevel1 mapEntryForLevel1 mapEntryForLevel1 mapMoRCtoRadio_CS1 sendBrakesToDM11 dmi_conRequest sendDynamic1 sendLevelListPkg1 levelDataPkg sendTrainData1 sendTrainData1 sendTrainData1 sendVersion1 sendVersion1 sendVersion1 sendVersion1 sendVersion1 sendVersion1 sendVersion2 synchWithDM11 send_mi_contribiterRequest trainData_forDM1 send_mi_contribiterRequest trainData_torrainData trainData_torrainData trainData_torrainData trainDataStorage updatedStatus updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackReceived sendValidTrainDataRBC linkedBG_missed missed linkedBG_missed BG linkedBG_missed sendAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs addAnnouncedBGs calculateBGLocations addAnnouncedBGs calculateBGLocations passedPositionedBG calculateTrainPositionInfo delDispensableBGs BG_out msg_2_passedBG BG_passed	cyclicReportToDMI1	packetDynamic
doEntryRequest1 doEntryRequest1 doEntryRequest1 doIdentifierRequest1 isSendingNeeded1 mapEntryForLevel1 mapMoRCtoRadio_CS1 sendBrakesToDMI1 sendCynamic1 sendLevelListPkg1 sendVarianiData1 sendVersion1 sendVersion1 synchWithDMI1 synchWithDMI1 sendAcknowledgementRBC checkRadioMessages sendValidTrainDataRBC sheekBG_missed linkedBG_missed linkedBG_missed adAnnouncedBGs calculateBGLocations calculateBGS missed delAgg_passed delAgg_passed delAgg_passed delAgg_passed delAgg_passed delGag_passed delGag_passed delGagsaged delGag_passed	doEntryRequest1	sendTrainDataToDMI
doEntryRequest1 didentifierRequest identifierRequest sendingNeeded mapEntryForLevel1 new_entryRequest mapMoRCtoRadio_CS1 outBMI_CS sendBrakesToDMI1 dmi_iconRequest sendLevelListPkg1 levelDataPkg sendLevelListPkg1 levelDataPkg sendVersion1 VersionPkg synchWithDMI1 sendVertifierRequest itriggerFromTrainData trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus sendAcknowledgementRBC updatedStatus sendAcknowledgementRBC updatedStatus sendVersion1 linkedBG_missed linkedBG_missed secondConsecutiveBG_missed secondConsecutiveBG_missed secondConsecutiveBG_missed secondConsecutiveBG_missed secondConsecutiveBG_missed calculateBGLocations positionCalculationNotConsistent calculate TrainPositionInfo delDispensableBCs updsedStonlefo delDispensableBCs send_calculate TrainPositionInfo delDispensableBCs send_calculateDose_calculateDose_calculateDCs send_calculateDCs send_calculate	doEntryRequest1	new_menuRequest
doldentifierRequest1 isSendingNeeded1 mapEntryForLevel1 mapEmtryForLevel1 mapEmtryForLevel1 mapEmtryForLevel1 mapEmtryForLevel1 mapEmtryForLevel1 mapEmtryForLevel1 mapEmtryForLevel1 mapMoRCtoRadio_CS1 sendBrakesToDMI1 dmi_iconRequest sendDynamic1 sendLevelListPkg1 levelDataPkg sendTrainData1 trainData_ForDMI1 sendVersion1 versionPkg synchWithDMI1 send_VersionPkg synchWithDMI1 send_dmi_identifierRequest F2.3 trainData trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackReceived sendValidTrainDataRBC linkedBG_missed linkedBG_missed linkedBG_missed linkedBG_missed sed linkedBG_missed sed addAnnouncedBGs addAnnoun	doEntryRequest1	new_entryRequest
isSendingNeeded1 mapEntryForLevel1 mapMoRCtoRadio_CS1 outBMI_CS sendBrakesToDMI1 dmi_coonRequest sendDynamic1 sendLevelListPkg1 sendTainData1 sendVersion1 send_dmi_identifierRequest synchWithDMI1 send_dmi_identifierRequest trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackReceived checkRadioMessages ackRequested updatedStatus linkedBG_missed sendValidTrainDataRBC updatedStatus linkedBG_missed sendValidTrainDataRBC sendValidTrainPositionnedBG calculateBGLocations sendValidTrainPositionInfo delDispensableBGS se_out selvalateBGLocations serrors calculateTrainPositionInfo delDispensableBGS se_out selvalateBGLocations seg_out seg_out seg_out	doEntryRequest1	outLevelsNeeded
mapEntryForLevel1 mapMoRCtoRadio_CS1 sendBrakesToDMl1 sendLevelListPkg1 levelDataPkg sendTrainData1 sendVersion1 synchWithDMl1 synchWithDMl1 send_dmi_identifierRequest sendAcknowledgementRBC checkRadioMessages sendValidTrainDataRBC linkedBG_missed linkedBG_missed addAnnouncedBGs addAnnouncedBGs calculateBGLocations calculateBGLocations calculateTrainPositionInfo delDispensableBGs sendVellortPape sendVetDynamic develDataPkg levelDataPkg levelDataPkg sendValidTrainData1 trainData_ForDMl versionPkg synchWithDMl1 send_dmi_identifierRequest triggerFromTrainData triggerFromTr	doldentifierRequest1	identifierRequest
mapMoRCtoRadio_CS1 sendBrakesToDMI1 dmi_iconRequest sendDynamic1 packetDynamic sendLevelListPkg1 levelDataPkg sendTrainData1 trainData_ForDMI sendVersion1 versionPkg synchWithDMI1 updatedOutputStatus synchWithDMI1 send_dmi_identifierRequest F2.3 trainData trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackRequested sendValidTrainDataRBC linkedBG_missed linkedBG_missed linkedBG_missed sindexOfBG linkedBG_missed addAnnouncedBGs addAnnouncedBGs calculateBGLocations calculateTrainPostitionInfo delDispensableBGs lBG_out send_calculateTrainPostitionInfo delDispensableBGs BGS_out BGS_DATAB BCD_DATAB	isSendingNeeded1	sendingNeeded
sendBrakesToDMI1 dmi_conRequest sendDynamic1 packetDynamic sendLevelListPkg1 levelDataPkg sendTrainData1 trainData_ForDMI sendVersion1 VersionPkg synchWithDMI1 updatedOutputStatus synchWithDMI1 send_dmi_identifierRequest F2.3 trainData triggerFromTrainData trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackReceived sendValidTrainDataRBC updatedStatus linkedBG_missed missed linkedBG_missed indexOfBG linkedBG_missed BGs_out twoConsecutiveLinkedBGs_missed secondConsecutiveBG_missed addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations passedPositionedBG calculateTrainPositionInfo trainPositionInfo delDispensableBGs BGs_out	mapEntryForLevel1	new_entryRequest
sendDynamic1 packetDynamic sendLevelListPkg1 levelDataPkg sendTrainData1 trainData_ForDMI sendVersion1 VersionPkg synchWithDMI1 updatedOutputStatus synchWithDMI1 send_dmi_identifierRequest F2.3 trainData triggerFromTrainData trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackRequested sendValidTrainDataRBC updatedStatus linkedBG_missed missed linkedBG_missed place linkedBG_missed place linkedBG_missed place sendValidTrainDataRBC place linkedBG_missed place linkedBG_missed place sendValidTrainDataRBC place linkedBG_missed place linkedBG_missed place linkedBG_missed place linkedBG_missed place linkedBG_missed place linkedBG_missed place addAnnouncedBGs place addAnnouncedB	mapMoRCtoRadio_CS1	outBMI_CS
sendLevelListPkg1 sendTrainData1 trainData_ForDMI sendVersion1 SynchWithDMI1 synchWithDMI1 synchWithDMI1 send_dmi_identifierRequest F2.3 trainData trainDataStorage updatedStatus sendAcknowledgementRBC checkRadioMessages checkRadioMessages sendValidTrainDataRBC linkedBG_missed linkedBG_missed linkedBG_missed sellinkedBG_missed sellinke	sendBrakesToDMI1	dmi_iconRequest
sendTrainData1 trainData_ForDMI sendVersion1 VersionPkg synchWithDMI1 updatedOutputStatus synchWithDMI1 send_dmi_identifierRequest F2.3 trainData triggerFromTrainData trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackRequested sendValidTrainDataRBC updatedStatus linkedBG_missed missed linkedBG_missed missed linkedBG_missed BG linkedBG_missed BG linkedBG_missed BG sout twoConsecutiveLinkedBGs_missed secondConsecutiveBG_missed addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations passedPositionedBG calculateTrainPositionInfo positionCalculationNotConsistent trainPositionInfo delDispensableBGs msg_2_passedBG BG_passed  BGs_out  trainPositionInfo trainPositionInfo delDispensableBGs msg_2_passedBG  BGs_out  BGS_O	sendDynamic1	packetDynamic
sendVersion1 VersionPkg synchWithDMI1 updatedOutputStatus synchWithDMI1 send_dmi_identifierRequest F2.3 trainData triggerFromTrainData trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackRequested sendValidTrainDataRBC updatedStatus linkedBG_missed missed linkedBG_missed indexOfBG linkedBG_missed BG linkedBG_missed BG linkedBG_missed BG addAnnouncedBGs secondConsecutiveBG_missed addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations passedPositionedBG calculateTrainPositionInfo positionCalculationNotConsistent trainPositionInfo delDispensableBGs msg_2_passedBG BGs_out send_delicitions BGs_out trainPositionInfo delDispensableBGs BGs_out BGs_out trainPositionInfo BGS_out BGS_	sendLevelListPkg1	levelDataPkg
synchWithDMI1 updatedOutputStatus synchWithDMI1 send_dmi_identifierRequest F2.3 trainData triggerFromTrainData trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackRequested sendValidTrainDataRBC updatedStatus linkedBG_missed indexOfBG linkedBG_missed BG linkedBG_missed BG linkedBG_missed BG secondConsecutiveBG_missed addAnnouncedBGs SecondConsecutiveBG_missed addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations passedPositionedBG calculateTrainPositionInfo positionCalculationNotConsistent calculateTrainPositionInfo delDispensableBGs BGs_out msg_2_passedBG BG_passed BG_passed BG_passed BG_passed BG_passed	sendTrainData1	trainData_ForDMI
synchWithDMI1 send_dmi_identifierRequest F2.3 trainData triggerFromTrainData trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackRequested sendValidTrainDataRBC updatedStatus linkedBG_missed missed linkedBG_missed indexOfBG linkedBG_missed BG linkedBG_missed BG linkedBG_missed secondConsecutiveBG_missed addAnnouncedBGs secondConsecutiveBG_missed addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations passedPositionedBG calculateTrainPositionInfo positionCalculationNotConsistent calculateTrainPositionInfo delDispensableBGs BGs_out BCS_OUT BCS	sendVersion1	VersionPkg
F2.3 trainData triggerFromTrainData trainDataStorage updatedStatus  sendAcknowledgementRBC updatedStatus  checkRadioMessages ackReceived  checkRadioMessages ackRequested  sendValidTrainDataRBC updatedStatus  linkedBG_missed updatedStatus  linkedBG_missed missed  linkedBG_missed BGS_out  linkedBG_missed BGS_out  twoConsecutiveLinkedBGs_missed secondConsecutiveBG_missed  addAnnouncedBGS BGS_out  calculateBGLocations BGS  calculateBGLocations passedPositionedBG  calculateTrainPositionInfo positionCalculationNotConsistent  calculateTrainPositionInfo  delDispensableBGs  msg_2_passedBG  BGS_out  positionCalculationInfo  delDispensableBGs  BGS_out  BCS_OUT  B	synchWithDMI1	updatedOutputStatus
trainDataStorage updatedStatus sendAcknowledgementRBC updatedStatus checkRadioMessages ackReceived checkRadioMessages ackRequested sendValidTrainDataRBC updatedStatus linkedBG_missed missed linkedBG_missed indexOfBG linkedBG_missed BG linkedBG_missed BG linkedBG_missed BG linkedBG_missed BGs_out twoConsecutiveLinkedBGs_missed secondConsecutiveBG_missed addAnnouncedBGs overrun addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations passedPositionedBG calculateTrainPositionInfo positionCalculationNotConsistent calculateTrainPositionInfo delDispensableBGs msg_2_passedBG BGs_out	synchWithDMI1	send_dmi_identifierRequest
sendAcknowledgementRBC       updatedStatus         checkRadioMessages       ackReceived         checkRadioMessages       ackRequested         sendValidTrainDataRBC       updatedStatus         linkedBG_missed       missed         linkedBG_missed       BG         linkedBG_missed       BG         linkedBG_missed       BGs_out         twoConsecutiveLinkedBGs_missed       secondConsecutiveBG_missed         addAnnouncedBGs       overrun         addAnnouncedBGs       BGs_out         calculateBGLocations       BGs         calculateBGLocations       errors         calculateBGLocations       passedPositionedBG         calculateTrainpositionAttributes       trainPosition         calculateTrainPositionInfo       positionCalculationNotConsistent         calculateTrainPositionInfo       trainPositionInfo         delDispensableBGs       BGs_out         msg_2_passedBG       BG_passed	F2.3 trainData	triggerFromTrainData
checkRadioMessages ackReceived checkRadioMessages ackRequested sendValidTrainDataRBC updatedStatus linkedBG_missed missed linkedBG_missed BG linkedBG_missed BG linkedBG_missed BGs_out twoConsecutiveLinkedBGs_missed secondConsecutiveBG_missed addAnnouncedBGs overrun addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations passedPositionedBG calculateTrainpositionAttributes trainPosition calculateTrainPositionInfo positionCalculationNotConsistent calculateTrainPositionInfo delDispensableBGs BG_passed BG_passed	trainDataStorage	updatedStatus
checkRadioMessages ackRequested sendValidTrainDataRBC updatedStatus linkedBG_missed missed linkedBG_missed indexOfBG linkedBG_missed BG linkedBG_missed BGs_out twoConsecutiveLinkedBGs_missed secondConsecutiveBG_missed addAnnouncedBGs overrun addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations passedPositionedBG calculateTrainpositionAttributes trainPosition calculateTrainPositionInfo positionCalculationNotConsistent calculateTrainPositionInfo delDispensableBGs BGs_out BG_passed	sendAcknowledgementRBC	updatedStatus
sendValidTrainDataRBC linkedBG_missed linkedBG_missed linkedBG_missed linkedBG_missed linkedBG_missed linkedBG_missed BG linkedBG_missed BGs_out twoConsecutiveLinkedBGs_missed addAnnouncedBGs addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations calculateBGLocations passedPositionedBG calculateTrainpositionAttributes calculateTrainPositionInfo delDispensableBGs BGs_out by DesitionCalculationNotConsistent by DesitionCalculationNotConsistent by DesitionPositionInfo by	checkRadioMessages	ackReceived
linkedBG_missed indexOfBG linkedBG_missed BG linkedBG_missed BG linkedBG_missed BGs_out twoConsecutiveLinkedBGs_missed secondConsecutiveBG_missed addAnnouncedBGs overrun addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations errors calculateBGLocations passedPositionedBG calculateTrainpositionAttributes trainPosition calculateTrainPositionInfo positionCalculationNotConsistent calculateTrainPositionInfo delDispensableBGs BGs_out msg_2_passedBG BG_passed	checkRadioMessages	ackRequested
linkedBG_missed BG linkedBG_missed BG linkedBG_missed BGs_out twoConsecutiveLinkedBGs_missed secondConsecutiveBG_missed addAnnouncedBGs overrun addAnnouncedBGs BGs_out calculateBGLocations BGs calculateBGLocations errors calculateBGLocations passedPositionedBG calculateTrainpositionAttributes trainPosition calculateTrainPositionInfo positionCalculationNotConsistent calculateTrainPositionInfo delDispensableBGs BGs_out msg_2_passedBG BG_passed	sendValidTrainDataRBC	updatedStatus
linkedBG_missed       BG         linkedBG_missed       BGs_out         twoConsecutiveLinkedBGs_missed       secondConsecutiveBG_missed         addAnnouncedBGs       overrun         addAnnouncedBGs       BGs_out         calculateBGLocations       BGs         calculateBGLocations       errors         calculateBGLocations       passedPositionedBG         calculateTrainpositionAttributes       trainPosition         calculateTrainPositionInfo       positionCalculationNotConsistent         calculateTrainPositionInfo       trainPositionInfo         delDispensableBGs       BGs_out         msg_2_passedBG       BG_passed	linkedBG_missed	missed
linkedBG_missed       BGs_out         twoConsecutiveLinkedBGs_missed       secondConsecutiveBG_missed         addAnnouncedBGs       overrun         addAnnouncedBGs       BGs_out         calculateBGLocations       BGs         calculateBGLocations       errors         calculateBGLocations       passedPositionedBG         calculateTrainpositionAttributes       trainPosition         calculateTrainPositionInfo       positionCalculationNotConsistent         calculateTrainPositionInfo       trainPositionInfo         delDispensableBGs       BGs_out         msg_2_passedBG       BG_passed	linkedBG_missed	indexOfBG
twoConsecutiveLinkedBGs_missed  addAnnouncedBGs  overrun  addAnnouncedBGs  BGs_out  calculateBGLocations  calculateBGLocations  calculateBGLocations  calculateTrainpositionAttributes  calculateTrainPositionInfo  calculateTrainPositionInfo  delDispensableBGs  BGs_out  secondConsecutiveBG_missed  overrun  BGs_out  BGs_out  passedPositionedBG  trainPosition  positionCalculationNotConsistent  trainPositionInfo  BGs_out  BG_passed  BG_passed	linkedBG_missed	BG
addAnnouncedBGs BGs_out  calculateBGLocations BGs  calculateBGLocations errors  calculateBGLocations passedPositionedBG  calculateTrainpositionAttributes trainPosition  calculateTrainPositionInfo positionCalculationNotConsistent  calculateTrainPositionInfo trainPositionInfo  delDispensableBGs BGs_out  msg_2_passedBG BG_passed	linkedBG_missed	BGs_out
addAnnouncedBGs calculateBGLocations BGs calculateBGLocations calculateBGLocations passedPositionedBG calculateTrainpositionAttributes trainPosition calculateTrainPositionInfo positionCalculationNotConsistent calculateTrainPositionInfo delDispensableBGs BG_passed  BG_passed	twoConsecutiveLinkedBGs_missed	secondConsecutiveBG_missed
calculateBGLocations       BGs         calculateBGLocations       errors         calculateBGLocations       passedPositionedBG         calculateTrainpositionAttributes       trainPosition         calculateTrainPositionInfo       positionCalculationNotConsistent         calculateTrainPositionInfo       trainPositionInfo         delDispensableBGs       BGs_out         msg_2_passedBG       BG_passed	addAnnouncedBGs	overrun
calculateBGLocations       errors         calculateBGLocations       passedPositionedBG         calculateTrainpositionAttributes       trainPosition         calculateTrainPositionInfo       positionCalculationNotConsistent         calculateTrainPositionInfo       trainPositionInfo         delDispensableBGs       BGs_out         msg_2_passedBG       BG_passed	addAnnouncedBGs	BGs_out
calculateBGLocations       passedPositionedBG         calculateTrainpositionAttributes       trainPosition         calculateTrainPositionInfo       positionCalculationNotConsistent         calculateTrainPositionInfo       trainPositionInfo         delDispensableBGs       BGs_out         msg_2_passedBG       BG_passed	calculateBGLocations	BGs
calculateTrainpositionAttributes     trainPosition       calculateTrainPositionInfo     positionCalculationNotConsistent       calculateTrainPositionInfo     trainPositionInfo       delDispensableBGs     BGs_out       msg_2_passedBG     BG_passed	calculateBGLocations	errors
calculateTrainPositionInfo positionCalculationNotConsistent calculateTrainPositionInfo trainPositionInfo delDispensableBGs BGs_out msg_2_passedBG BG_passed	calculateBGLocations	passedPositionedBG
calculateTrainPositionInfo trainPositionInfo delDispensableBGs BGs_out msg_2_passedBG BG_passed	calculateTrainpositionAttributes	trainPosition
delDispensableBGs BGs_out msg_2_passedBG BG_passed	calculateTrainPositionInfo	positionCalculationNotConsistent
msg_2_passedBG BG_passed	calculateTrainPositionInfo	trainPositionInfo
	delDispensableBGs	BGs_out
msg_2_passedBG passedBG	msg_2_passedBG	BG_passed
	msg_2_passedBG	passedBG
msg_2_passedBG onlyBGsAnnouncedViaRadio	msg_2_passedBG	onlyBGsAnnouncedViaRadio
F2.5 ManageLevelAndMode Data_To_BG_Management	F2.5 ManageLevelAndMode	Data_To_BG_Management

Input	Owner	Port
Input driver_level_transition Input ERTMS capabilities Input ERTMS capabilities Input Data_From_Track_to_Level Input Data_From_DML_To_Mode Input Data_From_DML_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_Track_To_Mode Input Data_From_TIU_To_Mode Input Data_From_TIU_To_Mode Input Data_From_TITU_To_Mode Input Data_From_TITU_To_Mode Input Data_From_Track_To_Mode Input Data_To_DMI Input Data_To_BM_Anagement	Input	train_standstill
Input driver_level_transition Input currentPosition Input ERTMS_capabilities Input Data_From_Track_to_Level Input Cab Input Data_From_DMI_To_Mode Input Data_From_DMI_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_STM_to_Mode Input Data_From_STM_to_Mode Input Data_From_Track_To_Mode Input Data_To_Mode Input Data_To_Mode_Input Data_To_Mode Input Data_To_Mode_Input Data_To_Input Data_To_Input Data_To_Input Data_To_Inpu	Input	levelAck
Input ERTMS_capabilities Input Data_From_Track_Level Input Data_From_DMI_To_Mode Input Data_From_DMI_To_Mode Input Data_From_E2_Functions_to_Mode Input Data_From_E2_Functions_to_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_TIU_To_Mode Input Data_From_TIU_To_Mode Input Data_From_TriU_To_Mode Input Data_To_DMI ManageLevels announced_level_transition Input Data_To_DMI ManageModes Data_To_DMI Output Data_To_DMI D	Input	outStartOfMissionEnded
Input Data_From_Track_to_Level Input Cab Input Data_From_MITo_Mode Input Data_From_PMI_To_Mode Input Data_From_SP2_Functions_to_Mode Input Data_From_SP2_Functions_to_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_Tiver Input Data_To_DMI Dat	Input	driver_level_transition
Input Cab Input Cab Input Data_From_Track_to_Level Input Data_From_DMI_To_Mode Input Data_From_DMI_To_Mode Input Data_From_E2_Functions_to_Mode Input Data_From_SPed_and_Supervision_To_Mode Input Data_From_SPed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TilU_To_Mode Input Data_From_Track_To_Mode Input Data_To_Mode Input Data_To_DMI Data_To_	Input	currentPosition
Input Data_From_DMI_To_Mode Input Data_From_DMI_To_Mode Input Data_From_F2_Functions_to_Mode Input Data_From_Localisation_To_Mode Input Data_From_Localisation_To_Mode Input Data_From_Sped_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_Track_To_Mode Input Data_To_DMI Data_T	Input	ERTMS_capabilities
Input Data_From_DMI_To_Mode Input Data_From_F2_Functions_to_Mode Input Data_From_Sec_and_Supervision_To_Mode Input Data_From_Sec_and_Supervision_To_Mode Input Data_From_Sec_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_To_DMI D	Input	Data_From_Track_to_Level
Input Data_From_F2_Functions_to_Mode Input Data_From_Localisation_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_STM_to_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_StM_to_Mode Input Data_To_DMI Input Data	Input	Cab
Input Data_From_Localisation_To_Mode Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode Input Data_From_Track_To_Mode ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels serviceBrakeRequested ManageLevels nextLevel ManageLevels announced_level_transition ManageLevels positionReportNeeded ManageLevels levelIsNew ManageLevels isAvailableForUse ManageLevels announcedLevelTransition ManageLevels connectionToRBCRequested CheckLevelAndMode Level_Mode_Compatible ManageModes EB_Requested ManageModes Service_Brake_Command ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_BG_Management Output Service_Brake_Command Output transitionPositionPassed Output Compatible_Mode_And_Level Output Data_To_DMI Data_To_DMI Dottput Data_To_DMI Data_To_DMI Data_To_DMI Data_To_DMI Data_To_DMI	Input	Data_From_DMI_To_Mode
Input Data_From_Speed_and_Supervision_To_Mode Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode Input Data_To_DMI Input	Input	Data_From_F2_Functions_to_Mode
Input Data_From_STM_to_Mode Input Data_From_TIU_To_Mode Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels serviceBrakeRequested ManageLevels nextLevel ManageLevels announced_level_transition ManageLevels positionReportNeeded ManageLevels levellsNew ManageLevels isAvailableForUse ManageLevels announcedLevelTransition ManageLevels connectionToRBCRequested CheckLevelAndMode Level_Mode_Compatible ManageModes EB_Requested ManageModes Service_Brake_Command ManageModes Data_To_DMI ManageModes Data_To_BM_Management Output transitionPassed Output Compatible_Mode_And_Level Output Data_To_BM_Management	Input	Data_From_Localisation_To_Mode
Input Data_From_TIU_To_Mode Input Data_From_Track_To_Mode ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels serviceBrakeRequested ManageLevels nextLevel ManageLevels nextLevel ManageLevels nextLevel ManageLevels nextLevel ManageLevels nextLevel ManageLevels involver ManageLevels positionReportNeeded ManageLevels isAvailableForUse ManageLevels isAvailableForUse ManageLevels connectionToRBCRequested CheckLevelAndMode Level_Mode_Compatible ManageModes EB_Requested ManageModes Service_Brake_Command ManageModes Data_To_DMI ManageModes Dutput Service_Brake_Command Cutput Service_Brake_Command Cutp	Input	Data_From_Speed_and_Supervision_To_Mode
Input Data_From_Track_To_Mode  ManageLevels TripTrainRequested  ManageLevels needsAckFromDriver  ManageLevels serviceBrakeRequested  ManageLevels nextLevel  ManageLevels announced_level_transition  ManageLevels positionReportNeeded  ManageLevels isAvailableForUse  ManageLevels announcedLevelTransition  ManageLevels isAvailableForUse  ManageLevels connectionToRBCRequested  CheckLevelAndMode Level_Mode_Compatible  ManageModes EB_Requested  ManageModes Service_Brake_Command  ManageModes Data_To_DMI  ManageModes Data_To_BG_Management  Output EB_Requested  Output transitionPassed  Output Compatible_Mode_And_Level  Output Data_To_DMI  Output Data_To_DMI  Output Compatible_Mode_And_Level  Output Data_To_DMI	Input	Data_From_STM_to_Mode
ManageLevels TripTrainRequested ManageLevels needsAckFromDriver ManageLevels serviceBrakeRequested ManageLevels nextLevel ManageLevels nextLevel ManageLevels announced_level_transition ManageLevels positionReportNeeded ManageLevels levellsNew ManageLevels isAvailableForUse ManageLevels announcedLevelTransition ManageLevels connectionToRBCRequested CheckLevelAndMode Level_Mode_Compatible ManageModes EB_Requested ManageModes Service_Brake_Command ManageModes Data_To_DMI ManageModes Data_To_DMI ManageModes Data_To_BG_Management Output Service_Brake_Command CheckLevelAndMode Data_To_DMI ManageModes Data_To_BG_Management Output Service_Brake_Command Coutput Compatible_Mode_And_Level Output Data_To_DMI Dota_To_DMI Dota_To_DMI Data_To_DMI	Input	Data_From_TIU_To_Mode
ManageLevels serviceBrakeRequested  ManageLevels serviceBrakeRequested  ManageLevels nextLevel  ManageLevels announced_level_transition  ManageLevels positionReportNeeded  ManageLevels levellsNew  ManageLevels isAvailableForUse  ManageLevels announcedLevelTransition  ManageLevels connectionToRBCRequested  CheckLevelAndMode Level_Mode_Compatible  ManageModes EB_Requested  ManageModes Service_Brake_Command  ManageModes Data_To_DMI  ManageModes Data_To_BG_Management  Output Service_Brake_Command  Output transitionPositionPassed  Output Compatible_Mode_And_Level  Output Data_To_DMI  Output Data_To_DMI  Output Data_To_DMI  Output Compatible_Mode_And_Level  Output Data_To_DMI	Input	Data_From_Track_To_Mode
ManageLevels       serviceBrakeRequested         ManageLevels       nextLevel         ManageLevels       announced_level_transition         ManageLevels       positionReportNeeded         ManageLevels       levellsNew         ManageLevels       isAvailableForUse         ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       Data_To_DMI         ManageModes       Data_To_BG_Management         Output       EB_Requested         Output       transitionPositionPassed         Output       Compatible_Mode_And_Level         Output       Data_To_DMI	ManageLevels	TripTrainRequested
ManageLevels       nextLevel         ManageLevels       announced_level_transition         ManageLevels       positionReportNeeded         ManageLevels       levellsNew         ManageLevels       isAvailableForUse         ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       Data_To_DMI         ManageModes       Data_To_BG_Management         Output       EB_Requested         Output       transitionPositionPassed         Output       Compatible_Mode_And_Level         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_BG_Management	ManageLevels	needsAckFromDriver
ManageLevels       nextLevel         ManageLevels       announced_level_transition         ManageLevels       positionReportNeeded         ManageLevels       levellsNew         ManageLevels       isAvailableForUse         ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       Data_To_DMI         ManageModes       Data_To_BG_Management         Output       EB_Requested         Output       transitionPositionPassed         Output       Compatible_Mode_And_Level         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_BG_Management	ManageLevels	serviceBrakeRequested
ManageLevels ManageLevels ManageLevels ManageLevels ManageLevels ManageLevels ManageLevels ManageLevels ManageLevels CheckLevelAndMode ManageModes Data_To_DMI ManageModes Data_To_BG_Management  Output Service_Brake_Command  Output EB_Requested  Output Compatible_Mode_And_Level  Output Data_To_DMI		·
ManageLevels       levellsNew         ManageLevels       isAvailableForUse         ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       Data_To_DMI         ManageModes       Data_To_BG_Management         Output       Service_Brake_Command         Output       EB_Requested         Output       transitionPositionPassed         Output       Compatible_Mode_And_Level         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_BG_Management	ManageLevels	announced_level_transition
ManageLevels ManageLevels ManageLevels ManageLevels CheckLevelAndMode ManageModes Data_To_DMI ManageModes Data_To_BG_Management Output Service_Brake_Command Output EB_Requested Output transitionPositionPassed Output Compatible_Mode_And_Level Output Data_To_DMI Output Data_To_DMI Output Data_To_DMI	ManageLevels	positionReportNeeded
ManageLevels       announcedLevelTransition         ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       Data_To_DMI         ManageModes       Data_To_BG_Management         Output       Service_Brake_Command         Output       EB_Requested         Output       transitionPositionPassed         Output       Compatible_Mode_And_Level         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_DMI         Output       Data_To_BG_Management	ManageLevels	levellsNew
ManageLevels       connectionToRBCRequested         CheckLevelAndMode       Level_Mode_Compatible         ManageModes       EB_Requested         ManageModes       Service_Brake_Command         ManageModes       Data_To_DMI         ManageModes       Data_To_BG_Management         Output       Service_Brake_Command         Output       EB_Requested         Output       transitionPositionPassed         Output       Compatible_Mode_And_Level         Output       Data_To_DMI         Output       Data_To_BG_Management	ManageLevels	isAvailableForUse
CheckLevelAndMode  ManageModes  EB_Requested  ManageModes  Service_Brake_Command  ManageModes  CurrentMode  ManageModes  ManageModes  Data_To_DMI  ManageModes  Data_To_BG_Management  Output  Service_Brake_Command  Output  EB_Requested  Output  transitionPositionPassed  Output  Compatible_Mode_And_Level  Output  Data_To_DMI  Data_To_DMI  Data_To_DMI  Data_To_DMI  Output  Data_To_DMI	ManageLevels	announcedLevelTransition
ManageModes EB_Requested  ManageModes Service_Brake_Command  ManageModes CurrentMode  ManageModes Data_To_DMI  ManageModes Data_To_BG_Management  Output Service_Brake_Command  Output EB_Requested Output transitionPositionPassed  Output Compatible_Mode_And_Level Output Output Data_To_DMI  Output Data_To_DMI  Output Data_To_DMI	ManageLevels	connectionToRBCRequested
ManageModes Service_Brake_Command ManageModes CurrentMode ManageModes Data_To_DMI ManageModes Data_To_BG_Management Output Service_Brake_Command Output EB_Requested Output transitionPositionPassed Output Compatible_Mode_And_Level Output Data_To_DMI Output Data_To_DMI Output Data_To_BG_Management	CheckLevelAndMode	Level_Mode_Compatible
ManageModes       currentMode         ManageModes       Data_To_DMI         ManageModes       Data_To_BG_Management         Output       Service_Brake_Command         Output       EB_Requested         Output       transitionPositionPassed         Output       Compatible_Mode_And_Level         Output       Data_To_DMI         Output       Data_To_BG_Management	ManageModes	EB_Requested
ManageModes       Data_To_DMI         ManageModes       Data_To_BG_Management         Output       Service_Brake_Command         Output       EB_Requested         Output       transitionPositionPassed         Output       Compatible_Mode_And_Level         Output       Data_To_DMI         Output       Data_To_BG_Management	ManageModes	Service_Brake_Command
ManageModes       Data_To_BG_Management         Output       Service_Brake_Command         Output       EB_Requested         Output       transitionPositionPassed         Output       Compatible_Mode_And_Level         Output       Data_To_DMI         Output       Data_To_BG_Management	ManageModes	currentMode
Output Service_Brake_Command Output EB_Requested Output transitionPositionPassed Output Compatible_Mode_And_Level Output Data_To_DMI Output Data_To_BG_Management	ManageModes	Data_To_DMI
Output EB_Requested Output transitionPositionPassed Output Compatible_Mode_And_Level Output Data_To_DMI Output Data_To_BG_Management	ManageModes	Data_To_BG_Management
Output transitionPositionPassed Output Compatible_Mode_And_Level Output Data_To_DMI Output Data_To_BG_Management	Output	Service_Brake_Command
Output Compatible_Mode_And_Level Output Data_To_DMI Output Data_To_BG_Management	Output	EB_Requested
Output Data_To_DMI Output Data_To_BG_Management	Output	transitionPositionPassed
Output Data_To_BG_Management	Output	Compatible_Mode_And_Level
·	·	·
·	Output	Data_To_BG_Management
F2.4 I rackatias MA_ondoard_out	F2.4 TrackAtlas	MA_onboard_out
F2.4 TrackAtlas MRSP	F2.4 TrackAtlas	
F2.4 TrackAtlas ces_accepted	F2.4 TrackAtlas	ces_accepted

Owner	Port
F2.4 TrackAtlas	ces_revoked
F2.4 TrackAtlas	trip_train
F2.4 TrackAtlas	NV_raw_out
F2.4 TrackAtlas	message147
TrackAtlasETCS	To_ModeAndLevel
TrackAtlasETCS	to_DMI
TrackAtlasETCS	to_Supervision
TrackAtlasETCS	MA_onboard_out
TrackAtlasETCS	ces_accepted
TrackAtlasETCS	ces_revoked
TrackAtlasETCS	trip_train
TrackAtlasETCS	NV_raw_out
TrackAtlasETCS	MA_request_out
TrackAtlasETCS	message147
TrackAtlasETCS	SSP_available
TrackAtlasETCS	bus_out
F2.9 MoRC_Main	ignoreMessagesFromRBC_except_m39_AckOfTerminationOfC
F2.9 MoRC_Main	sendAPositionReport
F2.9 MoRC_Main	cmdsToMobile
F2.9 MoRC_Main	memorizeTheLastRadioNetworkID
F2.9 MoRC_Main	orderTheRegistrationOfItsConnectedMobiles
F2.9 MoRC_Main	rejectOrderToContactRBC_or_RIU
F2.9 MoRC_Main	InformTheDriverThatNoConnectionWasSetup
F2.9 MoRC_Main	safeRadioConnectionStatus_toDriver
F2.9 MoRC_Main	mobileSWStatus
F2.9 MoRC_Main	requestTheSetupOfASafeRadioConnection
F2.9 MoRC_Main	requestReleaseOfSafeRadioConnectionWithTrackside
F2.9 MoRC_Main	sessionSuccessfullyEstablished
F2.9 MoRC_Main	ready
F2.9 MoRC_Main	currentRadioNetworkID
F2.9 MoRC_Main	sessionStatus
F2.9 MoRC_Main	MessageToRBC
F2.9 MoRC_Main	msgBus_out
MoRC_HO	bufferInformationFromAcceptingRBC
MoRC_HO	trainPassesA_RBC_RBC_border_WithItsFrontEnd
MoRC_HO	triggerPositionReport
MoRC_HO	triggerTrainData
MoRC_HO	rejectOrderToContactRBC_or_RIU
MoRC_HO	infomDriverNoCompatibleVersionSupported
MoRC_HO	memorizeTheLastRadioNetworkID

Owner	Port
MoRC_HO	radioStatus_1
MoRC_HO	radioStatus_2
MoRC_HO	mobileConnectionCmd_1
MoRC_HO	mobileConnectionCmd_2
MoRC_HO	mobileRegistrationCmd_1
MoRC_HO	mobileRegistrationCmd_2
MoRC_HO	safeRadioIndication
MoRC_HO	supervisingRBC
MoRC_HO	msgBus_2_RBC_1
MoRC_HO	msgBus_2_RBC_2
MoRC_HO	lastReceivedRadioNetworkID
processHandingOver	sendPositionReport_2_handingOverRBC
processHandingOver	sendPositionReport_2_acceptingRBC
processHandingOver	sendTrainData_2_acceptingRBC
processHandingOver	bufferInformationFromAcceptingRBC
processHandingOver	supervisingRBC
processHandingOver	useInformationFromAcceptingRBC
processHandingOver	handingOverMobile_is_mobile_1
processHandingOver	trainPassesA_RBC_RBC_border_WithItsFrontEnd
processHandingOver	notReady
processHandingOver	sessionCmds_2_MoRC_1
processHandingOver	sessionCmds_2_MoRC_2
MoRC_Main_v21	sendAPositionReport
MoRC_Main_v21	rejectOrderToContactRBC_or_RIU
MoRC_Main_v21	infomDriverNoCompatibleVersionSupported
MoRC_Main_v21	memorizeTheLastRadioNetworkID
MoRC_Main_v21	notReady
MoRC_Main_v21	msgToRBC
MoRC_Main_v21	status
MoRC_Main_v21	safeRadioIndication
MoRC_Main_v21	mobileConnectionCmd
MoRC_Main_v21	mobileRegistrationCmd
MoRC_Main_v21	lastReceivedRadioNetworkID
MoRC_Main_v22	sendAPositionReport
MoRC_Main_v22	rejectOrderToContactRBC_or_RIU
MoRC_Main_v22	infomDriverNoCompatibleVersionSupported
MoRC_Main_v22	memorizeTheLastRadioNetworkID
MoRC_Main_v22	notReady
MoRC_Main_v22	msgToRBC
MoRC_Main_v22	status

Owner	Port
MoRC_Main_v22	safeRadioIndication
MoRC_Main_v22	mobileConnectionCmd
MoRC_Main_v22	mobileRegistrationCmd
MoRC_Main_v22	lastReceivedRadioNetworkID
mobileDataRouter_out	data_2_RBC_1
mobileDataRouter_out	data_2_RBC_2
SpeedSupervision_Integration	sdmToDMI
SpeedSupervision_Integration	target
SpeedSupervision_Integration	sdmCommands
SpeedSupervision_Integration	brakeCmd
SpeedSupervision_Integration	EOA_overpassed
SpeedSupervision_Integration	Target_Speed_Reached
manageTIU_input	outTIUStatus
manageTIU_input	outTIUCurrentInfo
getTIUStatusFromData	outStatus
mergeTIU_Info	updatedInfo
selectTrainData	outTrainData
Master_Procedure	DMI_Entry_Request_to_DMI
Master_Procedure	request_Start_Mobile_Terminal_and_RBC_Registration_to_Mol
Master_Procedure	powerUp_to_MoRC
Master_Procedure	statusstartofmissionongoing_to_MoRC
Master_Procedure	powerOff_to_MoRC
Master_Procedure	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management
Master_Procedure	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana
Master_Procedure	start_ack_to_TIU
SoM_NTC_SN	start_ack_to_TIU
SoM_SR_FS_OS_LS_SH_SN_UN	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management
SoM_SR_FS_OS_LS_SH_SN_UN	request_Mode_Change_SB_to_FS_to_Level_and_Mode_Mana
SoM_SR_FS_OS_LS_SH_SN_UN	start_ack_to_TIU
manageDMI_Input	fromDMI_Identifier
manageDMI_Input	fromDMI_DriverIdentifier
manageDMI_Input	fromDMI_RadioNetData
manageDMI_Input	fromDMI_Icon_Ack
manageDMI_Input	fromDMI_AdhesionFactor
manageDMI_Input	forModesAndLevel
manageDMI_Input	ML_levelTransition
manageDMI_Input	outDriverRequest
manageDMI_Input	outForMA
changeLevelByDiver1	ML_levelTransition
changeLevelByDiver1	updatedNTC

doDriverRequests1 doDriverRequests1 receiveRequestsModesAndLevel1 receiveRequestsModesAndLevel1 receiveRequestsModesAndLevel1 receiveRequestsModesAndLevel1 triggerForMA1 updateDMIStatus1 CheckBGConsistency	outDriverRequestToLevels outDriverRequestToModes outDriverRequestToLevels forModesAndLevel outStatusList outForMA newStatus applyServiceBrake badBaliseMessageToDMI
receiveRequestsModesAndLevel1 receiveRequestsModesAndLevel1 receiveRequestsModesAndLevel1 triggerForMA1 updateDMIStatus1	outDriverRequestToLevels forModesAndLevel outStatusList outForMA newStatus applyServiceBrake
receiveRequestsModesAndLevel1 receiveRequestsModesAndLevel1 triggerForMA1 updateDMIStatus1	forModesAndLevel outStatusList outForMA newStatus applyServiceBrake
receiveRequestsModesAndLevel1 triggerForMA1 updateDMIStatus1	outStatusList outForMA newStatus applyServiceBrake
triggerForMA1 updateDMIStatus1	outForMA newStatus applyServiceBrake
updateDMIStatus1	newStatus applyServiceBrake
·	applyServiceBrake
CheckBGConsistency	
	badBaliseMessageToDMI
CheckBGConsistency	
CheckBGConsistency	errorLinkedBG
CheckBGConsistency	errorUnlinkedBG
CheckBGConsistency	incompatibleVersion
CheckBGConsistency	passedBG_out
CaseLinkingNotInUse1	badBaliseMessageToDMI
manageDMI_Output	to_DMI
calcDistances1	outLocationKP_Balise_Track
calcDistances1	ouDistanceKP_Balise
calcDistances1	outDistance_ToTSA
collectDMIPackets1	to_DMI
convert_cm_s_km_h1	km_h
copyGradientElement1	to_DMI
copyGradientElement1	outStatusList
copyGradientElement1	continue
copyGradientElement1	toDMI
copySpeedProfileElement1	fromDMI_TrainDataAck
copySpeedProfileElement1	continue
copySpeedProfileElement1	toDMI
copyTrackDescription1	toDMI
cyclicReportToDMI1	packetDynamic
doEntryRequest1	sendTrainDataToDMI
doEntryRequest1	new_menuRequest
doEntryRequest1	new_entryRequest
doEntryRequest1	outLevelsNeeded
doldentifierRequest1	identifierRequest
isSendingNeeded1	sendingNeeded
mapEntryForLevel1	new_entryRequest
mapMoRCtoRadio_CS1	outBMI_CS
sendBrakesToDMI1	dmi_iconRequest
sendDynamic1	packetDynamic
sendLevelListPkg1	levelDataPkg

Owner	Port
sendTrainData1	trainData_ForDMI
sendVersion1	VersionPkg
synchWithDMI1	updatedOutputStatus
synchWithDMI1	send_dmi_identifierRequest
ManageLevelAndMode	Compatible_Mode_And_Level
ManageLevelAndMode	Data_To_BG_Management
ManageLevelAndMode	Service_Brake_Command
ManageLevelAndMode	EB_Requested
ManageLevelAndMode	announcedLevel
ManageLevelAndMode	Data_To_DMI_Ack
Input	train_standstill
Input	driver_level_transition
Input	levelAck
Input	currentPosition
Input	ERTMS_capabilities
Input	outStartOfMissionEnded
Input	Data_From_Track_to_Level
Input	Cab
Input	Data_From_DMI_To_Mode
Input	Data_From_F2_Functions_to_Mode
Input	Data_From_Localisation_To_Mode
Input	Data_From_Speed_and_Supervision_To_Mode
Input	Data_From_STM_to_Mode
Input	Data_From_TIU_To_Mode
Input	Data_From_Track_To_Mode
ManageLevels	nextLevel
ManageLevels	TripTrainRequested
ManageLevels	needsAckFromDriver
ManageLevels	announcedLevelTransition
ManageLevels	serviceBrakeRequested
ManageLevels	connectionToRBCRequested
ManageLevels	positionReportNeeded
ManageLevels	levellsNew
ManageLevels	isAvailableForUse
CheckLevelAndMode	Level_Mode_Compatible
ManageModes	currentMode
ManageModes	EB_Requested
ManageModes	Service_Brake_Command
ManageModes	Data_To_DMI
ManageModes	Data_To_BG_Management

Owner	Port
Output	Compatible_Mode_And_Level
Output	Data_To_DMI
Output	Data_To_BG_Management
Output	Service_Brake_Command
Output	EB_Requested
Output	transitionPositionPassed
manageTIU_input	tractionCutOff
manageTIU_input	outTIUStatus
manageTIU_input	outTIUCurrentInfo
getTIUStatusFromData	outStatus
mergeTIU_Info	updatedInfo
selectTrainData	outTrainData
TrackAtlas	NV_raw_out
TrackAtlas	To_ModeAndLevel
TrackAtlas	to_DMI
TrackAtlas	to_Supervision
TrackAtlas	MA_onboard_out
TrackAtlas	MRSP
TrackAtlas	MA_request_out
TrackAtlas	message147
TrackAtlas	ces_accepted
TrackAtlas	ces_revoked
TrackAtlas	trip_train
TrackAtlas	bus_out
TrackAtlasETCS	SSP_available
TrackAtlasETCS	NV_raw_out
TrackAtlasETCS	To_ModeAndLevel
TrackAtlasETCS	to_DMI
TrackAtlasETCS	to_Supervision
TrackAtlasETCS	MA_onboard_out
TrackAtlasETCS	MA_request_out
TrackAtlasETCS	bus_out
TrackAtlasETCS	message147
TrackAtlasETCS	ces_accepted
TrackAtlasETCS	ces_revoked
TrackAtlasETCS	trip_train
Master_Procedure	powerUp_to_MoRC
Master_Procedure	statusstartofmissionongoing_to_MoRC
Master_Procedure	powerOff_to_MoRC
Master_Procedure	request_MA_FS_SR_OS_LS_SH_to_MA_L2_Management

Master_Procedure DMI_Entry_ Master_Procedure DMI_Entry_ Master_Procedure request_Start_Mobile_Terming SoM_NTC_SN start_ SoM_SR_FS_OS_LS_SH_SN_UN request_MA_FS_SR_OS_L SOM_SR_FS_OS_LS_SH_SN_UN request_Mode_Change_SB_ SoM_SR_FS_OS_LS_SH_SN_UN start_ manageTIU_output outCommand bothBrakesActive brake getTIUStatusFromCommand outTrait mapModeToTractionCutOff tract TIU_OutputIntegration outTrait TIU_OutputIntegration outCommand speedSupervision_Integration SpeedSupervision_Integration sdid SpeedSupervision_Integration school SpeedSupe	to_FS_to_Level_and_Mode_Mana ack_to_TIU Request_to_DMI nal_and_RBC_Registration_to_Mol ack_to_TIU LS_SH_to_MA_L2_Management to_FS_to_Level_and_Mode_Mana ack_to_TIU
Master_Procedure request_Start_Mobile_Termin SoM_NTC_SN start_  SoM_SR_FS_OS_LS_SH_SN_UN request_MA_FS_SR_OS_I SOM_SR_FS_OS_LS_SH_SN_UN request_Mode_Change_SB_SOM_SR_FS_OS_LS_SH_SN_UN start_  manageTIU_output outComman bothBrakesActive brake getTIUStatusFromCommand outTrait mapModeToTractionCutOff tract TIU_OutputIntegration outComma SpeedSupervision_Integration SpeedSupervision_Integration SpeedSupervision_Integration sdmC SpeedSupervision_Int	Request_to_DMI nal_and_RBC_Registration_to_Mol ack_to_TIU _S_SH_to_MA_L2_Management to_FS_to_Level_and_Mode_Mana
Master_Procedure request_Start_Mobile_Termin SoM_NTC_SN start_  SoM_SR_FS_OS_LS_SH_SN_UN request_MA_FS_SR_OS_L SOM_SR_FS_OS_LS_SH_SN_UN request_Mode_Change_SB_SOM_SR_FS_OS_LS_SH_SN_UN start_  manageTIU_output outComman bothBrakesActive brake getTIUStatusFromCommand outTrai mapModeToTractionCutOff tract  TIU_OutputIntegration outComman SpeedSupervision_Integration SpeedSupervision_Integration SpeedSupervision_Integration sdmC SpeedSupervision_In	nal_and_RBC_Registration_to_Molack_to_TIU _S_SH_to_MA_L2_Management to_FS_to_Level_and_Mode_Mana
SoM_NTC_SN SoM_SR_FS_OS_LS_SH_SN_UN SoM_SR_FS_OS_LS_SH_SN_UN SoM_SR_FS_OS_LS_SH_SN_UN request_Mode_Change_SB_ SoM_SR_FS_OS_LS_SH_SN_UN start_ manageTIU_output outComma bothBrakesActive getTIUStatusFromCommand handleTraction TIU_OutputIntegration TIU_OutputIntegration SpeedSupervision_Integration	ack_to_TIU  _S_SH_to_MA_L2_Management to_FS_to_Level_and_Mode_Mana
SoM_SR_FS_OS_LS_SH_SN_UN request_MA_FS_SR_OS_I SoM_SR_FS_OS_LS_SH_SN_UN request_Mode_Change_SB_ SoM_SR_FS_OS_LS_SH_SN_UN start_ manageTIU_output outComma bothBrakesActive brake getTIUStatusFromCommand outTrai mapModeToTractionCutOff tract TIU_OutputIntegration outT TIU_OutputIntegration outComma SpeedSupervision_Integration EOA_ SpeedSupervision_Integration sdi SpeedSupervision_Integration	_S_SH_to_MA_L2_Management to_FS_to_Level_and_Mode_Mana
SoM_SR_FS_OS_LS_SH_SN_UN SoM_SR_FS_OS_LS_SH_SN_UN Start_ manageTIU_output outComma bothBrakesActive getTIUStatusFromCommand handleTraction TIU_OutputIntegration SpeedSupervision_Integration	to_FS_to_Level_and_Mode_Mana
SoM_SR_FS_OS_LS_SH_SN_UN  manageTIU_output  outComma  bothBrakesActive  getTIUStatusFromCommand  nandleTraction  mapModeToTractionCutOff  TIU_OutputIntegration  SpeedSupervision_Integration	
manageTIU_output       outComma         bothBrakesActive       brake         getTIUStatusFromCommand       outTrai         handleTraction       outTrai         mapModeToTractionCutOff       tract         TIU_OutputIntegration       outT         TIU_OutputIntegration       outComma         SpeedSupervision_Integration       EOA_         SpeedSupervision_Integration       Target_S         SpeedSupervision_Integration       sdr         SpeedSupervision_Integration       sdr         SpeedSupervision_Integration       sdm         SpeedSupervision_Integration       sdm         SpeedSupervision_Integration       sdm         SpeedSupervision_Integration       br	ack_to_TIU
manageTIU_output       outCommand         bothBrakesActive       brake         getTIUStatusFromCommand       outTrain         handleTraction       outTrain         mapModeToTractionCutOff       trace         TIU_OutputIntegration       outT         TIU_OutputIntegration       outCommand         SpeedSupervision_Integration       EOA_         SpeedSupervision_Integration       Target_S         SpeedSupervision_Integration       sdm         SpeedSupervision_Integration       sdm         SpeedSupervision_Integration       sdm         SpeedSupervision_Integration       sdm         SpeedSupervision_Integration       brain	
bothBrakesActive brake getTIUStatusFromCommand out handleTraction outTrai mapModeToTractionCutOff tract TIU_OutputIntegration outComma SpeedSupervision_Integration EOA_ SpeedSupervision_Integration sdi SpeedSupervision_Integration sdi SpeedSupervision_Integration sdi SpeedSupervision_Integration sdi SpeedSupervision_Integration sdi SpeedSupervision_Integration sdmC SpeedSupervision_Integration sdmC SpeedSupervision_Integration sdmC SpeedSupervision_Integration sdmC SpeedSupervision_Integration sdmC SpeedSupervision_Integration bra	IU_to_API
getTIUStatusFromCommand       out         handleTraction       outTrail         mapModeToTractionCutOff       tract         TIU_OutputIntegration       outT         TIU_OutputIntegration       outComma         SpeedSupervision_Integration       EOA_         SpeedSupervision_Integration       Target_S         SpeedSupervision_Integration       sdr         SpeedSupervision_Integration       sdmC         SpeedSupervision_Integration       sdmC         SpeedSupervision_Integration       bra	ndStatusforEVC
handleTraction       outTrail         mapModeToTractionCutOff       tract         TIU_OutputIntegration       outCommand         SpeedSupervision_Integration       EOA_         SpeedSupervision_Integration       Target_S         SpeedSupervision_Integration       sdir         SpeedSupervision_Integration       sdmC         SpeedSupervision_Integration       sdmC         SpeedSupervision_Integration       sdmC         SpeedSupervision_Integration       bra	Command
mapModeToTractionCutOff       tract         TIU_OutputIntegration       outT         TIU_OutputIntegration       outComma         SpeedSupervision_Integration       EOA_         SpeedSupervision_Integration       Target_S         SpeedSupervision_Integration       sdr         SpeedSupervision_Integration       sdmC         SpeedSupervision_Integration       sdmC         SpeedSupervision_Integration       bra	ıtStatus
TIU_OutputIntegration outT  TIU_OutputIntegration outComma  SpeedSupervision_Integration EOA_  SpeedSupervision_Integration Target_S  SpeedSupervision_Integration sdi  SpeedSupervision_Integration  SpeedSupervision_Integration sdmC  SpeedSupervision_Integration sdmC  SpeedSupervision_Integration bra	nCommands
TIU_OutputIntegration outComma SpeedSupervision_Integration EOA_ SpeedSupervision_Integration Target_S SpeedSupervision_Integration sdi SpeedSupervision_Integration SpeedSupervision_Integration sdmC SpeedSupervision_Integration sdmC SpeedSupervision_Integration bra	ionCutOff
SpeedSupervision_Integration       EOA_         SpeedSupervision_Integration       Target_S         SpeedSupervision_Integration       sdr         SpeedSupervision_Integration       sdmC         SpeedSupervision_Integration       bra         SpeedSupervision_Integration       bra	IU_to_API
SpeedSupervision_Integration Target_S SpeedSupervision_Integration sdi SpeedSupervision_Integration SpeedSupervision_Integration sdm0 SpeedSupervision_Integration bra	ndStatusforEVC
SpeedSupervision_Integration sdi SpeedSupervision_Integration SpeedSupervision_Integration sdmC SpeedSupervision_Integration bra	overpassed
SpeedSupervision_Integration SpeedSupervision_Integration sdm0 SpeedSupervision_Integration bra	peed_Reached
SpeedSupervision_Integration sdm0 SpeedSupervision_Integration bra	mToDMI
SpeedSupervision_Integration bra	target
·	Commands
manageTIII output	akeCmd
manage no_output out	IU_to_API
manageTIU_output outComma	ndStatusforEVC
bothBrakesActive brake	•Command
getTIUStatusFromCommand ou	ıtStatus
handleTraction outTrai	nCommands
mapModeToTractionCutOff tract	ionCutOff
TIU_OutputIntegration outT	IU_to_API
TIU_OutputIntegration outComma	ndStatusforEVC
Manage_TrackSideInformation_Integration ApplyS	ServiceBrake
Manage_TrackSideInformation_Integration BadBalise	MessageToDMI
Manage_TrackSideInformation_Integration forLevel	Management
Manage_TrackSideInformation_Integration outputMess	ageForRadioAck
Manage_TrackSideInformation_Integration	
	Frack_Packets_at_ML
CheckBGConsistency error	Frack_Packets_at_ML  MessageToDMI
·	MessageToDMI
CaseLinkingNotInUse1 badBalise	MessageToDMI LinkedBG

Owner	Port
InformationFilter	outAcceptedMessage
CheckEuroRadioMessage	radioSequenceError
CheckEuroRadioMessage	tNvContactError
CheckEuroRadioMessage	otherTimingError
CheckEuroRadioMessage	radioMessageConsistencyError
trainData	triggerFromTrainData
trainData	updatedStatus
trainData	outMessageBus
trainDataStorage	updatedStatus
sendAcknowledgementRBC	updatedStatus
checkRadioMessages	ackReceived
checkRadioMessages	ackRequested
sendValidTrainDataRBC	updatedStatus
TrackAtlas	To_ModeAndLevel
TrackAtlas	to_DMI
TrackAtlas	to_Supervision
TrackAtlas	MA_onboard_out
TrackAtlas	MRSP
TrackAtlas	ces_accepted
TrackAtlas	ces_revoked
TrackAtlas	trip_train
TrackAtlas	NV_raw_out
TrackAtlas	MA_request_out
TrackAtlas	message147
TrackAtlas	bus_out
TrackAtlasETCS	To_ModeAndLevel
TrackAtlasETCS	to_DMI
TrackAtlasETCS	to_Supervision
TrackAtlasETCS	MA_onboard_out
TrackAtlasETCS	ces_accepted
TrackAtlasETCS	ces_revoked
TrackAtlasETCS	trip_train
TrackAtlasETCS	NV_raw_out
TrackAtlasETCS	MA_request_out
TrackAtlasETCS	message147
TrackAtlasETCS	SSP_available
TrackAtlasETCS	bus_out
calculateTrainPosition	trainPosition
calculateTrainPosition	BGs
linkedBG_missed	missed

Owner	Port
linkedBG_missed	indexOfBG
linkedBG_missed	BG
linkedBG_missed	BGs_out
twoConsecutiveLinkedBGs_missed	secondConsecutiveBG_missed
addAnnouncedBGs	overrun
addAnnouncedBGs	BGs_out
calculateBGLocations	BGs
calculateBGLocations	errors
calculateBGLocations	passedPositionedBG
calculateTrainpositionAttributes	trainPosition
calculateTrainPositionInfo	positionCalculationNotConsistent
calculateTrainPositionInfo	trainPositionInfo
delDispensableBGs	BGs_out
msg_2_passedBG	BG_passed
msg_2_passedBG	passedBG
msg_2_passedBG	onlyBGsAnnouncedViaRadio
Abstract definition	Train position
Abstract definition	BGs
ProvidePositionReport	out_reportedBGs
ProvidePositionReport	posRep
ProvidePositionReport	packet0
ProvidePositionReport	packet1
ProvidePositionReport	posReport
AggregatePackets	outPackets
PosReport_Supervision	out_reportedBGs
PosReport_Supervision	posRep
ReceiveReportParameters	posRep