




ERJU SYSTEM PILLAR

PRAMS Log - Part 1 Accidents



PRAMS Log - Part 1 Accidents

Author(s)	Bois Julien (I-NAT-GST-CCS-EXT - Extern) , DE SIMONE, Vincenzo , Ryf Urs (I-NAT-GST-CCS-EXT - Extern) , Kertis, Tomáš (SMO RS EN EH CZ PRO ASR) , Iñigo Iruretagoyena Tormo , Franco Riccardo , LARBAT Guy-EXT , Philipp Nienheysen , Christophe Cassir , Perletto Alberto (I-NAT-GST-CCS-EXT - Extern) , Vlček Martin, Mgr.PhD. , WARLITZ Joachim , Ronnarit Pholprasertporn , Chanon Akaphobanukul , Verapat Chutianusornchai , DE NICOLA, Giuseppe , Ramin Hedayati , Julian Wallach
Abstract	This document reports the list of Accident types defined as part of the ERJU Hazards Database to be used for risk assessment by ERJU SP Domains in accordance with ERJU PRAMS Plan and guidelines.
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1 Preamble


1.1 Purpose

Purpose


The ERJU Hazard Database Accidents list covers the need of having a common set of accidents that shall be used by all SP Domains to perform their safety analyses. [SPRM-2179,  Text]

1.2 Intended audience



Intended audience

This document is an appendix to *SPPRAMS/Phase_3/ERHD - Main Document : 725206* and reports the list of accident types defined as part of the ERJU Hazards Database to be used by ERJU SP Domains in accordance with ERJU PRAMS Plan and guidelines. [SPRM-67,  Text]

Disclaimer


The list is not exhaustive and is aligned with current status of the ERJU Hazard Database. It will be updated during the project lifecycle. [SPRM-68,  Text]

Severity of accident

The severity for each identified accident will be reported in next revision of this Accident List. [ Content to be approved, SPRM-69,  Issue]

1.3 Document Context

Document context

The ERJU Hazard Database represents a centralized, standardized and harmonized hazards database combining all railway accidents categories, top-level hazards and refined ones and is a key part of the general safety methodology proposed by the PRAMS team to be applied within the SP domains and for future projects. [SPRM-2308,  Text]

1.4 Glossary

1.4.1 Terms and definitions



No references

Terms

Refer to Terms section in  PRAMS Log - Main Hazard Database. [SPRM-2183,  Text]

1.4.2 Abbreviations

Abbreviations

Refer to Abbreviations section in  PRAMS Log - Main Hazard Database. [SPRM-2184,  Text]

1.5 List of References

List of References

Refer to List of references section in  PRAMS Log - Main Hazard Database. [SPRM-2198,  Text]

2 List of Accidents

[A1] Collisions






































A collision event falling within the A.1 sub-categories.

ID	SPRM-71
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old ID	CSM-ALSP A1; EPSF 1.1; DIRECTIVE 2004/49/EC Annex 1 (1) 1.1; BEU §1.3 Kollision; EBA Kollision;
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Linked Work Items

is branched from :   SPPRAMSS-5757 - [A1] Collisions : 479815
 has parent :  SPRM-70 - List of Accidents
 _ is parent of :  SPRM-72 - [A1.1] Collision of train with a train/rail vehicle
 _ is parent of :  SPRM-73 - [A1.2] Collision of train with obstacle within the clearance gauge
 _ is parent of :  SPRM-74 - [A1.3] Collision of one or more rail vehicles with another rail vehicle
 _ is parent of :  SPRM-75 - [A1.4] Collision of one or more rail vehicles with obstacle within the clearance gauge
 _ is parent of :  SPRM-76 - [A1.0] Other collision type
 _ is caused :  SPRM-956 - Incorrect required operational traffic plan from TMS
 _ is caused :  SPRM-957 - Late required operational traffic plan from TMS
 _ is caused :  SPRM-964 - Late confirmation request of usage restriction activation to Signaller
 _ is caused :  SPRM-966 - Early indication of Usage restriction activation state to Signaller
 _ is caused :  SPRM-971 - Incorrect usage restriction activation confirmation from Signaller
 _ is caused :  SPRM-972 - Late usage restriction activation confirmation from Signaller
 _ is caused :  SPRM-1048 - Incorrect required operational traffic plan from TMS
 _ is caused :  SPRM-1050 - Incorrect requested track path from Signaller
 _ is caused :  SPRM-1056 - Late indication of Authorised distance and speed restriction to Driver
 _ is caused :  SPRM-1057 - Incorrect indication of Authorised distance and speed restriction to Driver
 _ is caused :  SPRM-1069 - Early required point position to Trackside Assets CS
 _ is caused :  SPRM-1070 - Late required point position to Trackside Assets CS (1/2)
 _ is caused :  SPRM-1075 - Incorrect shorten movement permission request to Train CS
 _ is caused :  SPRM-1078 - Incorrect shorten movement permission response from Train CS
 _ is caused :  SPRM-1191 - Early indication of current train speed to Driver
 _ is caused :  SPRM-1293 - Early actual physical point machine position from Point Machine
 _ is caused :  SPRM-1294 - Incorrect actual physical point machine position from Point Machine
 _ is caused :  SPRM-1295 - Late actual physical point machine position from Point Machine
 _ is caused :  SPRM-1298 - Early requested point position from Signaller
 _ is caused :  SPRM-1299 - Late requested point position from Signaller
 _ is caused :  SPRM-1300 - Incorrect requested point position from Signaller (1)
 _ is caused :  SPRM-1301 - Early Required point machine movement to Point Machine
 _ is caused :  SPRM-1302 - Incorrect Required point machine movement to Point Machine (1)
 _ is caused :  SPRM-1303 - Late Required point machine movement to Point Machine (1)
 _ is caused :  SPRM-1374 - Incorrect movement authority to Train CS
 _ is caused :  SPRM-1391 - Late requested track path from Signaller (2)
 _ is caused :  SPRM-1392 - Late required operational traffic plan from TMS (2)
 _ is caused :  SPRM-1402 - Incorrect indication of Authorised distance and speed restriction to Driver
 _ is caused :  SPRM-1403 - Late indication of Authorised distance and speed

restriction to Driver
 _is caused : ⚠️ SPRM-1438 - Late wheel passing information from Wheel (1)
 _is caused : ⚠️ SPRM-1475 - Early required operational traffic plan from TMS
 _is caused : ⚠️ SPRM-1476 - Incorrect required operational traffic plan from TMS
 _is caused : ⚠️ SPRM-1478 - Early usage restriction deactivation confirmation from Signaller
 _is caused : ⚠️ SPRM-1479 - Incorrect usage restriction deactivation confirmation from Signaller
 _is caused : ⚠️ SPRM-1636 - Output of TCCS Configuration to Traffic CS System: wrong configuration data sent
 _is caused : ⚠️ SPRM-1638 - Output of TCCS Configuration to Trackside Assets CS System: wrong configuration data sent
 _is caused : ⚠️ SPRM-1640 - Output of TCCS Configuration to Configuration Manager: wrong configuration data state sent
 _is caused : ⚠️ SPRM-1642 - Output of TCCS Configuration to Signaller: wrong configuration data state sent
 _is caused : ⚠️ SPRM-1646 - Output of TCCS Configuration to Traffic Management System: wrong configuration data state sent
 _is caused : ⚠️ SPRM-1649 - Input from Traffic CS System to TCCS Configuration: wrong configuration data state received
 _is caused : ⚠️ SPRM-1660 - Input from Configuration Manager to TCCS Configuration: wrong configuration data state received
 _is caused : ⚠️ SPRM-1666 - Input from Integrator to TCCS Configuration: wrong checked and signed configuration data received
 _is caused : ⚠️ SPRM-1672 - Input from Data Preparation to TCCS Configuration: wrong signed configuration data received
 _is caused : ⚠️ SPRM-1678 - Input from Integrator to TCCS Configuration: wrong configuration data received
 _is caused : ⚠️ SPRM-1780 - Early confirmation request of usage restriction deactivation to Signaller
 _is caused : ⚠️ SPRM-2010 - Input from Trackside Assets CS System to TCCS Configuration: wrong system state observation received
 _is caused : ⚠️ SPRM-2013 - Input from TrainCS System to TCCS Configuration: wrong system state observation received
 _is caused : ⚠️ SPRM-2173 - Late usage restriction activation confirmation from Signaller
 _is caused : ⚠️ SPRM-2238 -
 _is caused : ⚠️ SPRM-2243 -
 _is caused : ⚠️ SPRM-2244 -
 _is caused : ⚠️ SPRM-2245 -
 _is caused : ⚠️ SPRM-2292 - Cab status is not sent to the train interface when the driver toggled the desk closing switch
 _is caused : ⚠️ SPRM-2294 -
 _is caused : ⚠️ SPRM-2311 - Incorrect point position in movement permission
 _is caused : ⚠️ SPRM-2315 - Late sending of cab status from Rolling Stock Operation System
 _is caused : ⚠️ SPRM-2316 - Incorrect cab status is sent by Rolling Stock Operating System
 _is caused : ⚠️ SPRM-2373 -
 _is caused : ⚠️ SPRM-2374 -
 _is caused : ⚠️ SPRM-2375 -
 _is caused : ⚠️ SPRM-2391 -
 _is caused : ⚠️ SPRM-2392 -
 _is caused : ⚠️ SPRM-2393 -
 _is caused : ⚠️ SPRM-2488 - Main power switch turn-off information is not sent by Rolling Stock Operation System




































	_is caused : ⚠️ SPRM-2489 - Incorrect main power switch turn-off information is sent by Rolling Stock Operation System
Type	 Accident

[A1.1] Collision of train with a train/rail vehicle

A front to front, front to end or a side collision between a part of a train and a part of another train or rail vehicle, or with shunting rolling stock.



ID	SPRM-72
old ID	CSM-ALSP A1.1; RSSB CHAMOIS 2; EPSF 1.1.1, 1.1.1.x (1 to 5); VDE V 0831-103 Tab. 3; AB-EBV 39.2 3.1.a; Directive (EU) 2016/798 Annex 1 1.1.1; UIC SAFETY DB Train collision with another train;

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Linked Work Items	<p>is branched from :   SPPRAMSS-5758 - [A1.1] Collision of train with a train/rail vehicle : 475522</p> <p>has parent :  SPRM-71 - [A1] Collisions</p> <p>_is caused :  SPRM-546 - Synchronised current time to Transversal CCS</p> <p>_is caused :  SPRM-547 - Synchronised current time to Transversal CCS</p> <p>_is caused :  SPRM-548 - Synchronised current time to Transversal CCS</p> <p>_is caused :  SPRM-1083 - Estimated point position to Trackside Assets CS</p> <p>_is caused :  SPRM-1089 - Estimated point position to Trackside Assets CS</p> <p>_is caused :  SPRM-1090 - Estimated point position to Trackside Assets CS</p> <p>_is caused :  SPRM-1134 - Early wheel passing information from Wheel</p> <p>_is caused :  SPRM-1135 - Incorrect wheel passing information from Wheel</p> <p>_is caused :  SPRM-1174 - Incorrect acceleration information from Rolling Stock Reference Point</p> <p>_is caused :  SPRM-1175 - Late acceleration information from Rolling Stock Reference Point</p> <p>_is caused :  SPRM-1177 - Incorrect geographical coordinates from Rolling Stock Reference Point</p> <p>_is caused :  SPRM-1178 - Late geographical coordinates from Rolling Stock Reference Point</p> <p>_is caused :  SPRM-1180 - Incorrect position and direction from Rolling Stock Reference Point</p> <p>_is caused :  SPRM-1181 - Late position and direction from Rolling Stock Reference Point</p> <p>_is caused :  SPRM-1183 - Incorrect train speed from Rolling Stock Reference Point</p> <p>_is caused :  SPRM-1184 - Late train speed from Rolling Stock Reference Point</p> <p>_is caused :  SPRM-1192 - Incorrect indication of current train speed to Driver</p> <p>_is caused :  SPRM-1193 - Late indication of current train speed to Driver</p> <p>_is assessed by :  SPRM-1193 - Late indication of current train speed to Driver</p> <p>_is caused :  SPRM-1242 - Early Required relative traction and brake effort to Rolling Stock Operational System</p> <p>_is caused :  SPRM-1243 - Late Required relative traction and brake effort to Rolling Stock Operational System</p> <p>_is caused :  SPRM-1246 - Incorrect Required relative traction and brake effort to Rolling Stock Operational System</p> <p>_is parent of :  SPRM-1367 - [A1.1.1] Side/flank Collision of train with a train/rail vehicle</p> <p>_is parent of :  SPRM-1368 - [A1.1.2] Front-to-end collision of train with a train/rail vehicle</p> <p>_is parent of :  SPRM-1762 - [A1.1.3] Front-to-front collision of train with a train/rail vehicle</p> <p>_is parent of :  SPRM-1763 - [A1.1.4] End-to-end collision of train with a train/rail vehicle</p> <p>_is parent of :  SPRM-1764 - [A1.1.5] Side collision of train with a train/rail vehicle</p> <p>_is caused :  SPRM-1778 - Incorrect confirmation request of usage restriction deactivation to Signaller</p> <p>_is caused :  SPRM-1982 - Late wheel passing information from Wheel (2)</p> <p>_is caused :  SPRM-2285 - EB or SB command is sent later than expected from CCS to Rolling Stock Operation System</p> <p>_is caused :  SPRM-2286 - EB or SB command is not sent when needed from CCS to Rolling Stock Operation Sys...</p>
Type	 Accident



[A1.1.1] Side/flank Collision of train with a train/rail vehicle

Accident between part of a train and part of another train: Side/flank collision

ID	SPRM-1367
old ID	RSA-Coll-TT-Flank
Linked Work Items	has parent :  SPRM-72 - [A1.1] Collision of train with a train/rail vehicle
Type	 Accident



[A1.1.2] Front-to-end collision of train with a train/rail vehicle

Accident between part of a train and part of another train: front-to-end collision

ID	SPRM-1368
old ID	RSA-Coll-TT-HeadRear
Linked Work Items	has parent :  SPRM-72 - [A1.1] Collision of train with a train/rail vehicle
Type	 Accident



[A1.1.3] Front-to-front collision of train with a train/rail vehicle

Accident between part of a train and part of another train: front-to-front collision

ID	SPRM-1762
old ID	RSA-Coll-TT-HeadOn
Linked Work Items	has parent :  SPRM-72 - [A1.1] Collision of train with a train/rail vehicle
Type	 Accident



[A1.1.4] End-to-end collision of train with a train/rail vehicle

Accident between part of a train and part of another train: End-to-end collision

ID	SPRM-1763
old ID	RSA-Coll-TT-RearOn
Linked Work Items	has parent :  SPRM-72 - [A1.1] Collision of train with a train/rail vehicle
Type	 Accident

[A1.1.5] Side collision of train with a train/rail vehicle

Accident between a train and part of another train on adjacent tracks, getting too close to each other: Side collision

ID	SPRM-1764
old ID	RSA-Coll-TT-Adj
Linked Work Items	has parent :  SPRM-72 - [A1.1] Collision of train with a train/rail vehicle
Type	 Accident


[A1.2] Collision of train with obstacle within the clearance gauge


A collision between a part of a train and objects fixed or temporarily present on or near the track (except at level crossings if lost by a crossing vehicle or user), including collision with overhead contact lines.


ID	SPRM-73
old ID	CSM-ALSP A1.2; RSSB CHAMOIS 4, 11; EPSF 1.1.2, 1.1.2.x (1 to 5); Directive (EU) 2016/798 Annex 1 1.1.2; UIC SAFETY DB Train collision with an obstacle;

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Linked Work Items


is branched from :   SPPRAMSS-5759 - [A1.2] Collision of train with obstacle within the clearance gauge : 487801


has parent :  SPRM-71 - [A1] Collisions


_ is related to :  SPRM-701 - RSSB_4.02.01 - Train rolls back and collides with buffer stop - Brake failure leading to buffer stop strike


_ is related to :  SPRM-702 - RSSB_4.03.01 - Train runaway - Runaway train due to brake failure


_ is related to :  SPRM-703 - RSSB_4.03.02 - Train runaway - Runaway train due to coupling failure


_ is related to :  SPRM-704 - RSSB_4.03.05 - Train runaway - Runaway train due to vehicle defect


_ is related to :  SPRM-705 - RSSB_4.04.01 - Uncontrolled movement of train towards buffer stop - Brake failure leading to buffer stop strike

_ is related to :  SPRM-706 - RSSB_4.04.02 - Uncontrolled movement of train towards buffer stop - Defective train control equipment leading to buffer stop strike

_ is related to :  SPRM-707 - RSSB_4.04.03 - Uncontrolled movement of train towards buffer stop - Driver error when propelling leading to buffer stop strike

_ is related to :  SPRM-708 - RSSB_4.01.01 - Driver error when joining / splitting units - Driver error using couple/uncouple button


_ is related to :  SPRM-709 - RSSB_4.01.02 - Driver error when joining / splitting units - Driver error while splitting units


_ is related to :  SPRM-710 - RSSB_4.01.03 - Driver error when starting journey - Driver error accidentally selecting reverse instead of forward

_ is related to :  SPRM-711 - RSSB_4.02.02 - Train rolls back and collides with buffer stop - Driver error (other) leading to rollback buffer stop strike


_ is related to :  SPRM-712 - RSSB_4.02.03 - Train rolls back and collides with buffer stop - Driver error during train set-up leading to rollback buffer stop strike


_ is related to :  SPRM-713 - RSSB_4.02.04 - Train rolls back and collides with buffer stop - Driver error during train shutdown leading to rollback buffer stop strike


_ is related to :  SPRM-714 - RSSB_4.02.05 - Train rolls back and collides with buffer stop - Driver failure to apply brakes leading to rollback buffer stop strike

_ is related to :  SPRM-715 - RSSB_4.02.06 - Train rolls back and collides with buffer stop - Driver inadvertent brake release leading to rollback buffer stop strike


_ is related to :  SPRM-716 - RSSB_4.03.03 - Train runaway - Runaway train due to driver error


_ is related to :  SPRM-717 - RSSB_4.03.04 - Train runaway - Runaway train due to vandalism


_ is related to :  SPRM-718 - RSSB_4.04.04 - Uncontrolled movement of train towards buffer stop - Driver inexperience leading to buffer stop strike

_ is related to :  SPRM-719 - RSSB_4.04.05 - Uncontrolled movement of train towards buffer stop - Driver loss of concentration leading to buffer stop strike

_ is related to :  SPRM-720 - RSSB_4.04.06 - Uncontrolled movement of train towards buffer stop - Driver medical condition leading to buffer stop strike

_ is related to :  SPRM-721 - RSSB_4.04.07 - Uncontrolled movement of train towards buffer stop - Driver misjudges braking leading to buffer stop strike

_ is related to :  SPRM-722 - RSSB_4.04.08 - Uncontrolled movement of train towards buffer stop - Low adhesion and driver fails to adjust to conditions leading to buffer stop strike

_ is related to :  SPRM-723 - RSSB_4.04.09 - Uncontrolled movement of train towards buffer stop - Low adhesion due to leaves leading to buffer stop strike

	_ is related to : ⚡ SPRM-724 - RSSB_4.04.10 - Uncontrolled movement of train towards buffer stop - Low adhesion due to rail contamination leading to buffer stop strike _ is related to : ⚡ SPRM-725 - RSSB_4.04.11 - Uncontrolled movement of train towards buffer stop - Low adhesion due to weather conditions leading to buffer stop strike _ is related to : ⚡ SPRM-726 - RSSB_4.04.12 - Uncontrolled movement of train towards buffer stop - Workforce communication error during shunting leading to buffer stop strike _ is related to : ⚡ SPRM-727 - RSSB_4.04.13 - Uncontrolled movement of train towards buffer stop - Misrouted train _ is caused : ⚠ SPRM-1083 - Estimated point position to Trackside Assets CS _ is caused : ⚠ SPRM-1089 - Estimated point position to Trackside Assets CS _ is caused : ⚠ SPRM-1090 - Estimated point position to Trackside Assets CS _ is parent of : 🚫 SPRM-1766 - [A.1.2.1] Collision of train with a temporary obstacle _ is parent of : 🚫 SPRM-1767 - [A.1.2.2] Collision of train with a permanent obstacle
Type	🚫 Accident

[A.1.2.1] Collision of train with a temporary obstacle

Any train object collision with a temporary object.

ID	SPRM-1766
Linked Work Items	has parent : 🚫 SPRM-73 - [A1.2] Collision of train with obstacle within the clearance gauge
Type	🚫 Accident

[A.1.2.2] Collision of train with a permanent obstacle

















Any train object collision with a permanent object.

ID	SPRM-1767
Linked Work Items	has parent : 🚫 SPRM-73 - [A1.2] Collision of train with obstacle within the clearance gauge
Type	🚫 Accident

[A1.3] Collision of one or more rail vehicles with another rail vehicle



Same as A1.1 but concerning more rail vehicles not forming a train.

ID	SPRM-74
old ID	CSM-ALSP A1.3; RSSB CHAMOIS 2; EPSF 1.1.1, 1.1.1.x (1 to 5);

Linked Work Items	is branched from :   SPPRAMSS-5760 - [A1.3] Collision of one or more rail vehicles with another rail vehicle : 481523 has parent :  SPRM-71 - [A1] Collisions _is caused :  SPRM-546 - Synchronised current time to Transversal CCS _is caused :  SPRM-547 - Synchronised current time to Transversal CCS _is caused :  SPRM-548 - Synchronised current time to Transversal CCS _is caused :  SPRM-1083 - Estimated point position to Trackside Assets CS _is caused :  SPRM-1089 - Estimated point position to Trackside Assets CS _is caused :  SPRM-1090 - Estimated point position to Trackside Assets CS _is parent of :  SPRM-1768 - [A1.3.1] Side/flank collision of one or more rail vehicles with another rail vehicle _is parent of :  SPRM-1769 - [A1.3.2] Front-to-end collision of one or more rail vehicles with another rail vehicle _is parent of :  SPRM-1770 - [A1.3.4] End-to-end collision of one or more rail vehicles with another rail vehicle _is parent of :  SPRM-1771 - [A1.3.5] Side collision of one or more rail vehicles with another rail vehicle _is parent of :  SPRM-1772 - [A1.3.3] Front-to-front collision of one or more rail vehicles with another rail vehicle _is caused :  SPRM-1778 - Incorrect confirmation request of usage restriction deactivation to Signaller
Type	 Accident



[A1.3.1] Side/flank collision of one or more rail vehicles with another rail vehicle

Accident between part of one or more rail vehicles and another rail vehicle: Side/flank collision

ID	SPRM-1768
old ID	RSA-Coll-TT-Flank
Linked Work Items	has parent :  SPRM-74 - [A1.3] Collision of one or more rail vehicles with another rail vehicle
Type	 Accident



[A1.3.2] Front-to-end collision of one or more rail vehicles with another rail vehicle

Accident between part of one or more rail vehicles and another rail vehicle: Front-to-end collision

ID	SPRM-1769
old ID	RSA-Coll-TT-HeadRear
Linked Work Items	has parent :  SPRM-74 - [A1.3] Collision of one or more rail vehicles with another rail vehicle
Type	 Accident



[A1.3.3] Front-to-front collision of one or more rail vehicles with another rail vehicle

Accident between part of one or more rail vehicles and another rail vehicle: Front-to-front collision

ID	SPRM-1772
old ID	RSA-Coll-TT-HeadOn
Linked Work Items	has parent :  SPRM-74 - [A1.3] Collision of one or more rail vehicles with another rail vehicle
Type	 Accident



[A1.3.4] End-to-end collision of one or more rail vehicles with another rail vehicle

Accident between part of one or more rail vehicles and another rail vehicle: End-to-end collision

ID	SPRM-1770
old ID	RSA-Coll-TT-RearOn
Linked Work Items	has parent :  SPRM-74 - [A1.3] Collision of one or more rail vehicles with another rail vehicle
Type	 Accident










[A1.3.5] Side collision of one or more rail vehicles with another rail vehicle

Accident between part of one or more rail vehicles and another rail vehicle on adjacent tracks, getting too close to each other: Side collision

ID	SPRM-1771
old ID	RSA-Coll-TT-Adj
Linked Work Items	has parent :  SPRM-74 - [A1.3] Collision of one or more rail vehicles with another rail vehicle
Type	 Accident



[A1.4] Collision of one or more rail vehicles with obstacle within the clearance gauge

Same as A1.2 but concerning one or more rail vehicles not forming a train.

ID	SPRM-75
old ID	CSM-ALSP A1.4; RSSB CHAMPOIS 4, 11; EPSF 1.1.2, 1.1.2.x (1 to 5);
Linked Work Items	is branched from :   SPPRAMSS-5761 - [A1.4] Collision of one or more rail vehicles with obstacle within the clearance gauge : 487801 has parent :  SPRM-71 - [A1] Collisions _is caused :  SPRM-1083 - Estimated point position to Trackside Assets CS _is caused :  SPRM-1089 - Estimated point position to Trackside Assets CS _is caused :  SPRM-1090 - Estimated point position to Trackside Assets CS _is parent of :  SPRM-1773 - [A.1.4.1] Collision of one or more rail vehicles with a temporary obstacle _is parent of :  SPRM-1774 - [A.1.4.2] Collision of one or more rail vehicles with a permanent obstacle
Type	 Accident


[A.1.4.1] Collision of one or more rail vehicles with a temporary obstacle

Collision of one or more rail vehicles with a temporary object.

ID	SPRM-1773
Linked Work Items	has parent :  SPRM-75 - [A1.4] Collision of one or more rail vehicles with obstacle within the clearance gauge
Type	 Accident

[A.1.4.2] Collision of one or more rail vehicles with a permanent obstacle





Collision of one or more rail vehicles with a permanent object.

ID	SPRM-1774
Linked Work Items	has parent :  SPRM-75 - [A1.4] Collision of one or more rail vehicles with obstacle within the clearance gauge

Type	 Accident
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[A1.0] Other collision type

Any other accident falling within the category 'collisions', but not covered by the subcategories above.






































ID	SPRM-76
old ID	CSM-ALSP A1.0; RSSB CHAMOIS 4, 11;
Linked Work Items	is branched from :   SPPRAMSS-5762 - [A1.0] Other collision type : 487801 has parent :  SPRM-71 - [A1] Collisions
Type	 Accident


[A2] Derailments

A derailment event falling within the A.2 sub-categories.

ID	SPRM-77
old ID	CSM-ALSP A2; RSSB CHAMOIS 3; EPSF 1.2; VDE V081-103 Tab. 3; AB EBV 39.2 3.1.b,c; UIC SAFETY DB Derailment; BEU §1.3 Entgleisung; EBA Entgleisung;

DRAFT

Linked Work Items	<p>is branched from :   SPPRAMSS-5763 - [A2] Derailments : 487801</p> <p>has parent :  SPRM-70 - List of Accidents</p> <p>_ is parent of :  SPRM-78 - [A2.1] Derailment of train</p> <p>_ is parent of :  SPRM-79 - [A2.2] Derailment of one or more rail vehicles</p> <p>_ is parent of :  SPRM-80 - [A2.0] Other derailment type</p> <p>_ is caused :  SPRM-956 - Incorrect required operational traffic plan from TMS</p> <p>_ is caused :  SPRM-957 - Late required operational traffic plan from TMS</p> <p>_ is caused :  SPRM-971 - Incorrect usage restriction activation confirmation from Signaller</p> <p>_ is caused :  SPRM-972 - Late usage restriction activation confirmation from Signaller</p> <p>_ is caused :  SPRM-1048 - Incorrect required operational traffic plan from TMS</p> <p>_ is caused :  SPRM-1050 - Incorrect requested track path from Signaller</p> <p>_ is caused :  SPRM-1056 - Late indication of Authorised distance and speed restriction to Driver</p> <p>_ is caused :  SPRM-1057 - Incorrect indication of Authorised distance and speed restriction to Driver</p> <p>_ is caused :  SPRM-1069 - Early required point position to Trackside Assets CS</p> <p>_ is caused :  SPRM-1070 - Late required point position to Trackside Assets CS (1/2)</p> <p>_ is caused :  SPRM-1075 - Incorrect shorten movement permission request to Train CS</p> <p>_ is caused :  SPRM-1078 - Incorrect shorten movement permission response from Train CS</p> <p>_ is caused :  SPRM-1191 - Early indication of current train speed to Driver</p> <p>_ is caused :  SPRM-1293 - Early actual physical point machine position from Point Machine</p> <p>_ is caused :  SPRM-1294 - Incorrect actual physical point machine position from Point Machine</p> <p>_ is caused :  SPRM-1295 - Late actual physical point machine position from Point Machine</p> <p>_ is caused :  SPRM-1298 - Early requested point position from Signaller</p> <p>_ is caused :  SPRM-1299 - Late requested point position from Signaller</p> <p>_ is caused :  SPRM-1300 - Incorrect requested point position from Signaller (1)</p> <p>_ is caused :  SPRM-1301 - Early Required point machine movement to Point Machine</p> <p>_ is caused :  SPRM-1302 - Incorrect Required point machine movement to Point Machine (1)</p> <p>_ is caused :  SPRM-1303 - Late Required point machine movement to Point Machine (1)</p> <p>_ is caused :  SPRM-1370 - Incorrect movement authority to Train CS</p> <p>_ is caused :  SPRM-1374 - Incorrect movement authority to Train CS</p> <p>_ is caused :  SPRM-1391 - Late requested track path from Signaller (2)</p> <p>_ is caused :  SPRM-1392 - Late required operational traffic plan from TMS (2)</p> <p>_ is caused :  SPRM-1402 - Incorrect indication of Authorised distance and speed restriction to Driver</p> <p>_ is caused :  SPRM-1403 - Late indication of Authorised distance and speed restriction to Driver</p> <p>_ is caused :  SPRM-1475 - Early required operational traffic plan from TMS</p> <p>_ is caused :  SPRM-1476 - Incorrect required operational traffic plan from TMS</p> <p>_ is caused :  SPRM-1478 - Early usage restriction deactivation confirmation from Signaller</p> <p>_ is caused :  SPRM-1479 - Incorrect usage restriction deactivation confirmation from Signaller</p>
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	_is caused : ⚠️ SPRM-1636 - Output of TCCS Configuration to Traffic CS System: wrong configuration data sent _is caused : ⚠️ SPRM-1638 - Output of TCCS Configuration to Trackside Assets CS System: wrong configuration data sent _is caused : ⚠️ SPRM-1640 - Output of TCCS Configuration to Configuration Manager: wrong configuration data state sent _is caused : ⚠️ SPRM-1642 - Output of TCCS Configuration to Signaller: wrong configuration data state sent _is caused : ⚠️ SPRM-1646 - Output of TCCS Configuration to Traffic Management System: wrong configuration data state sent _is caused : ⚠️ SPRM-1649 - Input from Traffic CS System to TCCS Configuration: wrong configuration data state received _is caused : ⚠️ SPRM-1660 - Input from Configuration Manager to TCCS Configuration: wrong configuration data state received _is caused : ⚠️ SPRM-1666 - Input from Integrator to TCCS Configuration: wrong checked and signed configuration data received _is caused : ⚠️ SPRM-1672 - Input from Data Preparation to TCCS Configuration: wrong signed configuration data received _is caused : ⚠️ SPRM-1678 - Input from Integrator to TCCS Configuration: wrong configuration data received _is caused : ⚠️ SPRM-1778 - Incorrect confirmation request of usage restriction deactivation to Signaller _is caused : ⚠️ SPRM-2010 - Input from Trackside Assets CS System to TCCS Configuration: wrong system state observation received _is caused : ⚠️ SPRM-2013 - Input from TrainCS System to TCCS Configuration: wrong system state observation received _is caused : ⚠️ SPRM-2173 - Late usage restriction activation confirmation from Signaller _is caused : ⚠️ SPRM-2238 - _is caused : ⚠️ SPRM-2311 - Incorrect point position in movement permission
Type	 Accident


[A2.1] Derailment of train


Any case in which at least one wheel of a train leaves the rails.


ID	SPRM-78
old ID	CSM-ALSP A2.1; RSSB CHAMOIS 3; EPSF 1.2.1, 1.2.2; DIRECTIVE 2004/49/EC Annex 1 (1) 1.2; Directive (EU) 2016/798 Annex 1 1.1.3;


Linked Work Items


is branched from :   SPRAMSS-5764 - [A2.1] Derailment of train : 481524

has parent :  SPRM-77 - [A2] Derailments


_ is caused :  SPRM-546 - Synchronised current time to Transversal CCS

_ is caused :  SPRM-547 - Synchronised current time to Transversal CCS


_ is caused :  SPRM-548 - Synchronised current time to Transversal CCS

_ is related to :  SPRM-625 - RSSB_3.12.05 - Wrong Side Signalling Failure


- Track circuit fails to detect train

_ is related to :  SPRM-626 - RSSB_3.12.04 - Wrong Side Signalling Failure


- Signal returns to danger as train approaches

_ is related to :  SPRM-627 - RSSB_3.12.03 - Wrong Side Signalling Failure


- Signal displays insufficiently restrictive aspect


_ is related to :  SPRM-628 - RSSB_3.12.02 - Wrong Side Signalling Failure


- Neighbouring external electrical/electronic systems cause EMI/EMC issues in railway system


_ is related to :  SPRM-629 - RSSB_3.12.01 - Wrong Side Signalling Failure


- Inadequate signal overlap


_ is related to :  SPRM-630 - RSSB_3.10.05 - Train runaway - Runaway train due to vehicle defect


_ is related to :  SPRM-631 - RSSB_3.10.02 - Train runaway - Runaway train due to coupling failure


_ is related to :  SPRM-632 - RSSB_3.10.01 - Train runaway - Runaway train due to brake failure


_ is related to :  SPRM-633 - RSSB_3.09.19 - Train exceeds limit of movement authority (including SPADs) - Traction control failure


_ is related to :  SPRM-634 - RSSB_3.09.18 - Train exceeds limit of movement authority (including SPADs) - Signal equipment operating error


_ is related to :  SPRM-635 - RSSB_3.09.01 - Train exceeds limit of movement authority (including SPADs) - Brake failure


_ is related to :  SPRM-636 - RSSB_3.08.06 - Track formation failures (including under bridge and embankment failures) - Structural damage due to earthquake


_ is related to :  SPRM-637 - RSSB_3.08.05 - Track formation failures (including under bridge and embankment failures) - Structural collapse due to scour and water action


_ is related to :  SPRM-638 - RSSB_3.08.04 - Track formation failures (including under bridge and embankment failures) - Rail bridge structural failure (including bridge strikes)


_ is related to :  SPRM-639 - RSSB_3.08.03 - Track formation failures (including under bridge and embankment failures) - Failure of embankment integrity


_ is related to :  SPRM-640 - RSSB_3.08.02 - Track formation failures (including under bridge and embankment failures) - Drainage culvert/pipework collapse


_ is related to :  SPRM-641 - RSSB_3.08.01 - Track formation failures (including under bridge and embankment failures) - Collapse of bridge or culvert


_ is related to :  SPRM-642 - RSSB_3.07.10 - Track fault / failure - Vertical misalignment / track bed insecure

_ is related to :  SPRM-643 - RSSB_3.07.09 - Track fault / failure - Track twist

_ is related to :  SPRM-644 - RSSB_3.07.08 - Track fault / failure - Track gauge spread

_ is related to :  SPRM-645 - RSSB_3.07.07 - Track fault / failure - Track cyclic top

_ is related to :  SPRM-646 - RSSB_3.07.06 - Track fault / failure - Buckled rail / poor track geometry / track twist

_ is related to :  SPRM-647 - RSSB_3.07.04 - Track fault / failure - Failure of

track integrity

_ is related to : ⚡ SPRM-648 - RSSB_3.07.03 - Track fault / failure - Buckled rail / poor track geometry
 _ is related to : ⚡ SPRM-649 - RSSB_3.07.02 - Track fault / failure - Broken rail
 _ is related to : ⚡ SPRM-650 - RSSB_3.07.01 - Track fault / failure - Broken fishplate between rails
 _ is related to : ⚡ SPRM-651 - RSSB_3.06.09 - Rolling Stock fault / failure - Twisted underframe / bogie twist
 _ is related to : ⚡ SPRM-652 - RSSB_3.06.08 - Rolling Stock fault / failure - Suspension system / bogie failure
 _ is related to : ⚡ SPRM-653 - RSSB_3.06.07 - Rolling Stock fault / failure - Seized axle box bearing / hot axle box
 _ is related to : ⚡ SPRM-654 - RSSB_3.06.05 - Rolling Stock fault / failure - Rail vehicle wheel failure
 _ is related to : ⚡ SPRM-655 - RSSB_3.06.03 - Rolling Stock fault / failure - Coupling failure
 _ is related to : ⚡ SPRM-656 - RSSB_3.06.02 - Rolling Stock fault / failure - Buffer locking
 _ is related to : ⚡ SPRM-657 - RSSB_3.06.01 - Rolling Stock fault / failure - Axle failure
 _ is related to : ⚡ SPRM-658 - RSSB_3.05.02 - Large obstruction on track - Infrastructure collapse
 _ is related to : ⚡ SPRM-659 - RSSB_3.02.05 - Failure of switches & crossings - Points out of gauge
 _ is related to : ⚡ SPRM-660 - RSSB_3.02.04 - Failure of switches & crossings - Points move under train
 _ is related to : ⚡ SPRM-661 - RSSB_3.02.03 - Failure of switches & crossings - Points in the wrong position and not detected
 _ is related to : ⚡ SPRM-662 - RSSB_3.02.01 - Failure of switches & crossings - Defective switch and crossing
 _ is related to : ⚡ SPRM-663 - RSSB_3.01.01 - Driver fails to control speed of train - Severe braking / snatch
 _ is related to : ⚡ SPRM-664 - RSSB_3.01.02 - Driver fails to control speed of train - Train overspeeding
 _ is related to : ⚡ SPRM-665 - RSSB_3.01.03 - Driver fails to control speed of train - Misrouted train
 _ is related to : ⚡ SPRM-666 - RSSB_3.02.02 - Failure of switches & crossings - Incorrect scotch and clip of points
 _ is related to : ⚡ SPRM-667 - RSSB_3.03.01 - Failure of train preparation or loading causes derailment - Incorrect marshalling of train
 _ is related to : ⚡ SPRM-668 - RSSB_3.03.02 - Failure of train preparation or loading causes derailment - Rail vehicle uneven or asymmetric / offset loading (e.g. freight bulk hoppers, containers, etc.)
 _ is related to : ⚡ SPRM-669 - RSSB_3.04.01 - High winds causes derailment - Aerodynamic overturning due to high winds
 _ is related to : ⚡ SPRM-670 - RSSB_3.05.01 - Large obstruction on track - Flooding of track
 _ is related to : ⚡ SPRM-671 - RSSB_3.05.03 - Large obstruction on track - Landslide / floods
 _ is related to : ⚡ SPRM-672 - RSSB_3.05.04 - Large obstruction on track - Snow / ice on track
 _ is related to : ⚡ SPRM-673 - RSSB_3.06.04 - Rolling Stock fault / failure - Deliberate derailment on catch points/trap points
 _ is related to : ⚡ SPRM-674 - RSSB_3.06.06 - Rolling Stock fault / failure - Rail vehicle wheel flat or wheel/tyre wear beyond limits
 _ is related to : ⚡ SPRM-675 - RSSB_3.07.05 - Track fault / failure - Infrastructure returned in an unsafe condition following a possession
 _ is related to : ⚡ SPRM-676 - RSSB_3.08.07 - Track formation failures

(including under bridge and embankment failures) - Vehicle striking railway bridge

_ is related to : ⚡ SPRM-677 - RSSB_3.09.02 - Train exceeds limit of movement authority (including SPADs) - Driver anticipation of signal clearance

_ is related to : ⚡ SPRM-678 - RSSB_3.09.03 - Train exceeds limit of movement authority (including SPADs) - Driver failure to check signal aspect

_ is related to : ⚡ SPRM-679 - RSSB_3.09.04 - Train exceeds limit of movement authority (including SPADs) - Driver failure to locate signal aspect

_ is related to : ⚡ SPRM-680 - RSSB_3.09.05 - Train exceeds limit of movement authority (including SPADs) - Driver failure to react to cautionary aspect

_ is related to : ⚡ SPRM-681 - RSSB_3.09.06 - Train exceeds limit of movement authority (including SPADs) - Driver ignorance of rules/instructions

_ is related to : ⚡ SPRM-682 - RSSB_3.09.07 - Train exceeds limit of movement authority (including SPADs) - Driver misjudge of environmental conditions

_ is related to : ⚡ SPRM-683 - RSSB_3.09.08 - Train exceeds limit of movement authority (including SPADs) - Driver misjudge of train behaviour

_ is related to : ⚡ SPRM-684 - RSSB_3.09.09 - Train exceeds limit of movement authority (including SPADs) - Driver misreading aspect on correct signal

_ is related to : ⚡ SPRM-685 - RSSB_3.09.10 - Train exceeds limit of movement authority (including SPADs) - Driver misreading the previous signal aspect

_ is related to : ⚡ SPRM-686 - RSSB_3.09.11 - Train exceeds limit of movement authority (including SPADs) - Driver viewing the wrong signal

_ is related to : ⚡ SPRM-687 - RSSB_3.09.12 - Train exceeds limit of movement authority (including SPADs) - Driver violation of rules/instructions

_ is related to : ⚡ SPRM-688 - RSSB_3.09.13 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - ambiguous / incomplete information given

_ is related to : ⚡ SPRM-689 - RSSB_3.09.14 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - correct information given but misunderstood

_ is related to : ⚡ SPRM-690 - RSSB_3.09.15 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - handsignaller communication human error

_ is related to : ⚡ SPRM-691 - RSSB_3.09.16 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - information not given

_ is related to : ⚡ SPRM-692 - RSSB_3.09.17 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - wrong information given

_ is related to : ⚡ SPRM-693 - RSSB_3.09.20 - Train exceeds limit of movement authority (including SPADs) - Vegetation on the track

_ is related to : ⚡ SPRM-694 - RSSB_3.10.03 - Train runaway - Runaway train due to driver error

_ is related to : ⚡ SPRM-695 - RSSB_3.10.04 - Train runaway - Runaway train due to vandalism


_ is related to : ⚡ SPRM-696 - RSSB_3.11.01 - Uncontrolled movement of train in siding or possession - Machinery overturning/derailment

_ is related to : ⚡ SPRM-697 - RSSB_3.11.02 - Uncontrolled movement of train in siding or possession - Route set incorrectly in depot or siding

_ is related to : ⚡ SPRM-698 - RSSB_3.11.03 - Uncontrolled movement of train in siding or possession - Shunter error

_ is related to : ⚡ SPRM-699 - RSSB_3.11.04 - Uncontrolled movement of train in siding or possession - Track maintenance staff error

_ is related to : ⚡ SPRM-700 - RSSB_3.11.05 - Uncontrolled movement of train in siding or possession - Uncontrolled train movement in depot or siding

	_is caused : ⚠️ SPRM-964 - Late confirmation request of usage restriction activation to Signaller _is caused : ⚠️ SPRM-966 - Early indication of Usage restriction activation state to Signaller _is caused : ⚠️ SPRM-1083 - Estimated point position to Trackside Assets CS _is caused : ⚠️ SPRM-1089 - Estimated point position to Trackside Assets CS _is caused : ⚠️ SPRM-1090 - Estimated point position to Trackside Assets CS _is caused : ⚠️ SPRM-1134 - Early wheel passing information from Wheel _is caused : ⚠️ SPRM-1135 - Incorrect wheel passing information from Wheel _is caused : ⚠️ SPRM-1174 - Incorrect acceleration information from Rolling Stock Reference Point _is caused : ⚠️ SPRM-1175 - Late acceleration information from Rolling Stock Reference Point _is caused : ⚠️ SPRM-1177 - Incorrect geographical coordinates from Rolling Stock Reference Point _is caused : ⚠️ SPRM-1178 - Late geographical coordinates from Rolling Stock Reference Point _is caused : ⚠️ SPRM-1180 - Incorrect position and direction from Rolling Stock Reference Point _is caused : ⚠️ SPRM-1181 - Late position and direction from Rolling Stock Reference Point _is caused : ⚠️ SPRM-1183 - Incorrect train speed from Rolling Stock Reference Point _is caused : ⚠️ SPRM-1184 - Late train speed from Rolling Stock Reference Point _is caused : ⚠️ SPRM-1192 - Incorrect indication of current train speed to Driver _is caused : ⚠️ SPRM-1193 - Late indication of current train speed to Driver _is assessed by : ⚠️ SPRM-1193 - Late indication of current train speed to Driver _is caused : ⚠️ SPRM-1242 - Early Required relative traction and brake effort to Rolling Stock Operational System _is caused : ⚠️ SPRM-1243 - Late Required relative traction and brake effort to Rolling Stock Operational System _is caused : ⚠️ SPRM-1246 - Incorrect Required relative traction and brake effort to Rolling Stock Operational System _is caused : ⚠️ SPRM-1780 - Early confirmation request of usage restriction deactivation to Signaller _is caused : ⚠️ SPRM-1982 - Late wheel passing information from Wheel (2)
Type	 Accident

[A2.2] Derailment of one or more rail vehicles

Same as A2.1 but concerning one or more rail vehicles not forming a train.

ID	SPRM-79
old ID	CSM-ALSP A2.2; RSSB CHAMOIS 3; EPSF 1.2.1, 1.2.2;

Linked Work Items

is branched from :   SPPRAMSS-5765 - [A2.2] Derailment of one or more rail vehicles : 477564

has parent :  SPRM-77 - [A2] Derailments

_ is related to :  SPRM-625 - RSSB_3.12.05 - Wrong Side Signalling Failure

- Track circuit fails to detect train

_ is related to :  SPRM-626 - RSSB_3.12.04 - Wrong Side Signalling Failure

- Signal returns to danger as train approaches

_ is related to :  SPRM-627 - RSSB_3.12.03 - Wrong Side Signalling Failure

- Signal displays insufficiently restrictive aspect


_ is related to :  SPRM-628 - RSSB_3.12.02 - Wrong Side Signalling Failure

- Neighbouring external electrical/electronic systems cause EMI/EMC issues in railway system

_ is related to :  SPRM-629 - RSSB_3.12.01 - Wrong Side Signalling Failure

- Inadequate signal overlap

_ is related to :  SPRM-630 - RSSB_3.10.05 - Train runaway - Runaway train due to vehicle defect

_ is related to :  SPRM-631 - RSSB_3.10.02 - Train runaway - Runaway train due to coupling failure

_ is related to :  SPRM-632 - RSSB_3.10.01 - Train runaway - Runaway train due to brake failure

_ is related to :  SPRM-633 - RSSB_3.09.19 - Train exceeds limit of movement authority (including SPADs) - Traction control failure

_ is related to :  SPRM-634 - RSSB_3.09.18 - Train exceeds limit of movement authority (including SPADs) - Signal equipment operating error

_ is related to :  SPRM-635 - RSSB_3.09.01 - Train exceeds limit of movement authority (including SPADs) - Brake failure

_ is related to :  SPRM-636 - RSSB_3.08.06 - Track formation failures (including under bridge and embankment failures) - Structural damage due to earthquake

_ is related to :  SPRM-637 - RSSB_3.08.05 - Track formation failures (including under bridge and embankment failures) - Structural collapse due to scour and water action

_ is related to :  SPRM-638 - RSSB_3.08.04 - Track formation failures (including under bridge and embankment failures) - Rail bridge structural failure (including bridge strikes)

_ is related to :  SPRM-639 - RSSB_3.08.03 - Track formation failures (including under bridge and embankment failures) - Failure of embankment integrity

_ is related to :  SPRM-640 - RSSB_3.08.02 - Track formation failures (including under bridge and embankment failures) - Drainage culvert/pipework collapse

_ is related to :  SPRM-641 - RSSB_3.08.01 - Track formation failures (including under bridge and embankment failures) - Collapse of bridge or culvert

_ is related to :  SPRM-642 - RSSB_3.07.10 - Track fault / failure - Vertical misalignment / track bed insecure

_ is related to :  SPRM-643 - RSSB_3.07.09 - Track fault / failure - Track twist

_ is related to :  SPRM-644 - RSSB_3.07.08 - Track fault / failure - Track gauge spread

_ is related to :  SPRM-645 - RSSB_3.07.07 - Track fault / failure - Track cyclic top


_ is related to :  SPRM-646 - RSSB_3.07.06 - Track fault / failure - Buckled rail / poor track geometry / track twist

_ is related to :  SPRM-647 - RSSB_3.07.04 - Track fault / failure - Failure of track integrity

_ is related to :  SPRM-648 - RSSB_3.07.03 - Track fault / failure - Buckled rail / poor track geometry

_ is related to : ⚡ SPRM-649 - RSSB_3.07.02 - Track fault / failure - Broken rail
 _ is related to : ⚡ SPRM-650 - RSSB_3.07.01 - Track fault / failure - Broken fishplate between rails
 _ is related to : ⚡ SPRM-651 - RSSB_3.06.09 - Rolling Stock fault / failure - Twisted underframe / bogie twist
 _ is related to : ⚡ SPRM-652 - RSSB_3.06.08 - Rolling Stock fault / failure - Suspension system / bogie failure
 _ is related to : ⚡ SPRM-653 - RSSB_3.06.07 - Rolling Stock fault / failure - Seized axle box bearing / hot axle box
 _ is related to : ⚡ SPRM-654 - RSSB_3.06.05 - Rolling Stock fault / failure - Rail vehicle wheel failure
 _ is related to : ⚡ SPRM-655 - RSSB_3.06.03 - Rolling Stock fault / failure - Coupling failure
 _ is related to : ⚡ SPRM-656 - RSSB_3.06.02 - Rolling Stock fault / failure - Buffer locking
 _ is related to : ⚡ SPRM-657 - RSSB_3.06.01 - Rolling Stock fault / failure - Axle failure
 _ is related to : ⚡ SPRM-658 - RSSB_3.05.02 - Large obstruction on track - Infrastructure collapse
 _ is related to : ⚡ SPRM-659 - RSSB_3.02.05 - Failure of switches & crossings - Points out of gauge
 _ is related to : ⚡ SPRM-660 - RSSB_3.02.04 - Failure of switches & crossings - Points move under train
 _ is related to : ⚡ SPRM-661 - RSSB_3.02.03 - Failure of switches & crossings - Points in the wrong position and not detected
 _ is related to : ⚡ SPRM-662 - RSSB_3.02.01 - Failure of switches & crossings - Defective switch and crossing
 _ is related to : ⚡ SPRM-663 - RSSB_3.01.01 - Driver fails to control speed of train - Severe braking / snatch
 _ is related to : ⚡ SPRM-664 - RSSB_3.01.02 - Driver fails to control speed of train - Train overspeeding
 _ is related to : ⚡ SPRM-665 - RSSB_3.01.03 - Driver fails to control speed of train - Misrouted train
 _ is related to : ⚡ SPRM-666 - RSSB_3.02.02 - Failure of switches & crossings - Incorrect scotch and clip of points
 _ is related to : ⚡ SPRM-667 - RSSB_3.03.01 - Failure of train preparation or loading causes derailment - Incorrect marshalling of train
 _ is related to : ⚡ SPRM-668 - RSSB_3.03.02 - Failure of train preparation or loading causes derailment - Rail vehicle uneven or asymmetric / offset loading (e.g. freight bulk hoppers, containers, etc.)
 _ is related to : ⚡ SPRM-669 - RSSB_3.04.01 - High winds causes derailment - Aerodynamic overturning due to high winds
 _ is related to : ⚡ SPRM-670 - RSSB_3.05.01 - Large obstruction on track - Flooding of track
 _ is related to : ⚡ SPRM-671 - RSSB_3.05.03 - Large obstruction on track - Landslide / floods
 _ is related to : ⚡ SPRM-672 - RSSB_3.05.04 - Large obstruction on track - Snow / ice on track
 _ is related to : ⚡ SPRM-673 - RSSB_3.06.04 - Rolling Stock fault / failure - Deliberate derailment on catch points/trap points
 _ is related to : ⚡ SPRM-674 - RSSB_3.06.06 - Rolling Stock fault / failure - Rail vehicle wheel flat or wheel/tyre wear beyond limits
 _ is related to : ⚡ SPRM-675 - RSSB_3.07.05 - Track fault / failure - Infrastructure returned in an unsafe condition following a possession
 _ is related to : ⚡ SPRM-676 - RSSB_3.08.07 - Track formation failures (including under bridge and embankment failures) - Vehicle striking railway bridge
 _ is related to : ⚡ SPRM-677 - RSSB_3.09.02 - Train exceeds limit of

movement authority (including SPADs) - Driver anticipation of signal clearance
 _ is related to : ⚡ SPRM-678 - RSSB_3.09.03 - Train exceeds limit of
 movement authority (including SPADs) - Driver failure to check signal aspect
 _ is related to : ⚡ SPRM-679 - RSSB_3.09.04 - Train exceeds limit of
 movement authority (including SPADs) - Driver failure to locate signal aspect
 _ is related to : ⚡ SPRM-680 - RSSB_3.09.05 - Train exceeds limit of
 movement authority (including SPADs) - Driver failure to react to cautionary
 aspect
 _ is related to : ⚡ SPRM-681 - RSSB_3.09.06 - Train exceeds limit of
 movement authority (including SPADs) - Driver ignorance of rules/instructions
 _ is related to : ⚡ SPRM-682 - RSSB_3.09.07 - Train exceeds limit of
 movement authority (including SPADs) - Driver misjudge of environmental
 conditions
 _ is related to : ⚡ SPRM-683 - RSSB_3.09.08 - Train exceeds limit of
 movement authority (including SPADs) - Driver misjudge of train behaviour
 _ is related to : ⚡ SPRM-684 - RSSB_3.09.09 - Train exceeds limit of
 movement authority (including SPADs) - Driver misreading aspect on correct
 signal
 _ is related to : ⚡ SPRM-685 - RSSB_3.09.10 - Train exceeds limit of
 movement authority (including SPADs) - Driver misreading the previous signal
 aspect
 _ is related to : ⚡ SPRM-686 - RSSB_3.09.11 - Train exceeds limit of
 movement authority (including SPADs) - Driver viewing the wrong signal
 _ is related to : ⚡ SPRM-687 - RSSB_3.09.12 - Train exceeds limit of
 movement authority (including SPADs) - Driver violation of rules/instructions
 _ is related to : ⚡ SPRM-688 - RSSB_3.09.13 - Train exceeds limit of
 movement authority (including SPADs) - Miscommunication - ambiguous /
 incomplete information given
 _ is related to : ⚡ SPRM-689 - RSSB_3.09.14 - Train exceeds limit of
 movement authority (including SPADs) - Miscommunication - correct
 information given but misunderstood
 _ is related to : ⚡ SPRM-690 - RSSB_3.09.15 - Train exceeds limit of
 movement authority (including SPADs) - Miscommunication - handsignaller
 communication human error
 _ is related to : ⚡ SPRM-691 - RSSB_3.09.16 - Train exceeds limit of
 movement authority (including SPADs) - Miscommunication - information not
 given
 _ is related to : ⚡ SPRM-692 - RSSB_3.09.17 - Train exceeds limit of
 movement authority (including SPADs) - Miscommunication - wrong
 information given
 _ is related to : ⚡ SPRM-693 - RSSB_3.09.20 - Train exceeds limit of
 movement authority (including SPADs) - Vegetation on the track
 _ is related to : ⚡ SPRM-694 - RSSB_3.10.03 - Train runaway - Runaway
 train due to driver error
 _ is related to : ⚡ SPRM-695 - RSSB_3.10.04 - Train runaway - Runaway
 train due to vandalism
 _ is related to : ⚡ SPRM-696 - RSSB_3.11.01 - Uncontrolled movement of
 train in siding or possession - Machinery overturning/derailment
 _ is related to : ⚡ SPRM-697 - RSSB_3.11.02 - Uncontrolled movement of
 train in siding or possession - Route set incorrectly in depot or siding
 _ is related to : ⚡ SPRM-698 - RSSB_3.11.03 - Uncontrolled movement of
 train in siding or possession - Shunter error
 _ is related to : ⚡ SPRM-699 - RSSB_3.11.04 - Uncontrolled movement of
 train in siding or possession - Track maintenance staff error
 _ is related to : ⚡ SPRM-700 - RSSB_3.11.05 - Uncontrolled movement of
 train in siding or possession - Uncontrolled train movement in depot or siding
 _ is caused : ⚠ SPRM-1083 - Estimated point position to Trackside Assets CS


	<div>_is caused : ⚠️ SPRM-1089 - Estimated point position to Trackside Assets CS</div> <div>_is caused : ⚠️ SPRM-1090 - Estimated point position to Trackside Assets CS</div>
Type	 Accident

[A2.0] Other derailment type


Any other accident falling within the category 'derailments', but not covered by the subcategories above.

ID	SPRM-80
old ID	CSM-ALSP A2.0; RSSB CHAMOIS 3;

DRAFT




















Linked Work Items	<p>is branched from :   SPRAMSS-5766 - [A2.0] Other derailment type : 481524</p> <p>has parent :  SPRM-77 - [A2] Derailments</p> <p>_ is related to :  SPRM-625 - RSSB_3.12.05 - Wrong Side Signalling Failure</p> <ul style="list-style-type: none"> - Track circuit fails to detect train <p>_ is related to :  SPRM-626 - RSSB_3.12.04 - Wrong Side Signalling Failure</p> <ul style="list-style-type: none"> - Signal returns to danger as train approaches <p>_ is related to :  SPRM-627 - RSSB_3.12.03 - Wrong Side Signalling Failure</p> <ul style="list-style-type: none"> - Signal displays insufficiently restrictive aspect <p>_ is related to :  SPRM-628 - RSSB_3.12.02 - Wrong Side Signalling Failure</p> <ul style="list-style-type: none"> - Neighbouring external electrical/electronic systems cause EMI/EMC issues in railway system <p>_ is related to :  SPRM-629 - RSSB_3.12.01 - Wrong Side Signalling Failure</p> <ul style="list-style-type: none"> - Inadequate signal overlap <p>_ is related to :  SPRM-630 - RSSB_3.10.05 - Train runaway - Runaway train due to vehicle defect</p> <p>_ is related to :  SPRM-631 - RSSB_3.10.02 - Train runaway - Runaway train due to coupling failure</p> <p>_ is related to :  SPRM-632 - RSSB_3.10.01 - Train runaway - Runaway train due to brake failure</p> <p>_ is related to :  SPRM-633 - RSSB_3.09.19 - Train exceeds limit of movement authority (including SPADs) - Traction control failure</p> <p>_ is related to :  SPRM-634 - RSSB_3.09.18 - Train exceeds limit of movement authority (including SPADs) - Signal equipment operating error</p> <p>_ is related to :  SPRM-635 - RSSB_3.09.01 - Train exceeds limit of movement authority (including SPADs) - Brake failure</p> <p>_ is related to :  SPRM-636 - RSSB_3.08.06 - Track formation failures (including under bridge and embankment failures) - Structural damage due to earthquake</p> <p>_ is related to :  SPRM-637 - RSSB_3.08.05 - Track formation failures (including under bridge and embankment failures) - Structural collapse due to scour and water action</p> <p>_ is related to :  SPRM-638 - RSSB_3.08.04 - Track formation failures (including under bridge and embankment failures) - Rail bridge structural failure (including bridge strikes)</p> <p>_ is related to :  SPRM-639 - RSSB_3.08.03 - Track formation failures (including under bridge and embankment failures) - Failure of embankment integrity</p> <p>_ is related to :  SPRM-640 - RSSB_3.08.02 - Track formation failures (including under bridge and embankment failures) - Drainage culvert/pipework collapse</p> <p>_ is related to :  SPRM-641 - RSSB_3.08.01 - Track formation failures (including under bridge and embankment failures) - Collapse of bridge or culvert</p> <p>_ is related to :  SPRM-642 - RSSB_3.07.10 - Track fault / failure - Vertical misalignment / track bed insecure</p> <p>_ is related to :  SPRM-643 - RSSB_3.07.09 - Track fault / failure - Track twist</p> <p>_ is related to :  SPRM-644 - RSSB_3.07.08 - Track fault / failure - Track gauge spread</p> <p>_ is related to :  SPRM-645 - RSSB_3.07.07 - Track fault / failure - Track cyclic top</p> <p>_ is related to :  SPRM-646 - RSSB_3.07.06 - Track fault / failure - Buckled rail / poor track geometry / track twist</p> <p>_ is related to :  SPRM-647 - RSSB_3.07.04 - Track fault / failure - Failure of track integrity</p> <p>_ is related to :  SPRM-648 - RSSB_3.07.03 - Track fault / failure - Buckled rail / poor track geometry</p>
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 _ is related to : ⚡ SPRM-666 - RSSB_3.02.02 - Failure of switches & crossings - Incorrect scotch and clip of points
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 _ is related to : ⚡ SPRM-670 - RSSB_3.05.01 - Large obstruction on track - Flooding of track
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 _ is related to : ⚡ SPRM-674 - RSSB_3.06.06 - Rolling Stock fault / failure - Rail vehicle wheel flat or wheel/tyre wear beyond limits
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 _ is related to : ⚡ SPRM-676 - RSSB_3.08.07 - Track formation failures (including under bridge and embankment failures) - Vehicle striking railway bridge
 _ is related to : ⚡ SPRM-677 - RSSB_3.09.02 - Train exceeds limit of

	<p>movement authority (including SPADs) - Driver anticipation of signal clearance _ is related to : ⚡ SPRM-678 - RSSB_3.09.03 - Train exceeds limit of movement authority (including SPADs) - Driver failure to check signal aspect _ is related to : ⚡ SPRM-679 - RSSB_3.09.04 - Train exceeds limit of movement authority (including SPADs) - Driver failure to locate signal aspect _ is related to : ⚡ SPRM-680 - RSSB_3.09.05 - Train exceeds limit of movement authority (including SPADs) - Driver failure to react to cautionary aspect _ is related to : ⚡ SPRM-681 - RSSB_3.09.06 - Train exceeds limit of movement authority (including SPADs) - Driver ignorance of rules/instructions _ is related to : ⚡ SPRM-682 - RSSB_3.09.07 - Train exceeds limit of movement authority (including SPADs) - Driver misjudge of environmental conditions _ is related to : ⚡ SPRM-683 - RSSB_3.09.08 - Train exceeds limit of movement authority (including SPADs) - Driver misjudge of train behaviour _ is related to : ⚡ SPRM-684 - RSSB_3.09.09 - Train exceeds limit of movement authority (including SPADs) - Driver misreading aspect on correct signal _ is related to : ⚡ SPRM-685 - RSSB_3.09.10 - Train exceeds limit of movement authority (including SPADs) - Driver misreading the previous signal aspect _ is related to : ⚡ SPRM-686 - RSSB_3.09.11 - Train exceeds limit of movement authority (including SPADs) - Driver viewing the wrong signal _ is related to : ⚡ SPRM-687 - RSSB_3.09.12 - Train exceeds limit of movement authority (including SPADs) - Driver violation of rules/instructions _ is related to : ⚡ SPRM-688 - RSSB_3.09.13 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - ambiguous / incomplete information given _ is related to : ⚡ SPRM-689 - RSSB_3.09.14 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - correct information given but misunderstood _ is related to : ⚡ SPRM-690 - RSSB_3.09.15 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - handsignaller communication human error _ is related to : ⚡ SPRM-691 - RSSB_3.09.16 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - information not given _ is related to : ⚡ SPRM-692 - RSSB_3.09.17 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - wrong information given _ is related to : ⚡ SPRM-693 - RSSB_3.09.20 - Train exceeds limit of movement authority (including SPADs) - Vegetation on the track _ is related to : ⚡ SPRM-694 - RSSB_3.10.03 - Train runaway - Runaway train due to driver error _ is related to : ⚡ SPRM-695 - RSSB_3.10.04 - Train runaway - Runaway train due to vandalism _ is related to : ⚡ SPRM-696 - RSSB_3.11.01 - Uncontrolled movement of train in siding or possession - Machinery overturning/derailment _ is related to : ⚡ SPRM-697 - RSSB_3.11.02 - Uncontrolled movement of train in siding or possession - Route set incorrectly in depot or siding _ is related to : ⚡ SPRM-698 - RSSB_3.11.03 - Uncontrolled movement of train in siding or possession - Shunter error _ is related to : ⚡ SPRM-699 - RSSB_3.11.04 - Uncontrolled movement of train in siding or possession - Track maintenance staff error _ is related to : ⚡ SPRM-700 - RSSB_3.11.05 - Uncontrolled movement of train in siding or possession - Uncontrolled train movement in depot or siding</p>
Type	 Accident

[A3] Level Crossing Accident









A level crossing accident falling within the A.3 sub-categories.

ID	SPRM-81
old ID	CSM-ALSP A3; RSSB CHAMOIS 12.02; RSSB CHAMOIS 5; EPSF 1.3; DIRECTIVE 2004/49/EC Annex 1 (1) 1.3; Directive (EU) 2016/798 Annex 1 1.1.4; BEU §1.3 Bahnübergangs; EBA Bahnübergangs;unfall;
Linked Work Items	<p>is branched from :   SPPRAMSS-5767 - [A3] Level Crossing Accident : 481524</p> <p>has parent :  SPRM-70 - List of Accidents</p> <p>_ is parent of :  SPRM-82 - [A3.1] Level Crossing Accident involving a train</p> <p>_ is parent of :  SPRM-85 - [A3.2] Level Crossing Accident involving one or more rail vehicles</p> <p>_ is parent of :  SPRM-86 - [A3.0] Other level crossing accident</p> <p>_ is caused :  SPRM-1636 - Output of TCCS Configuration to Traffic CS System: wrong configuration data sent</p> <p>_ is caused :  SPRM-1638 - Output of TCCS Configuration to Trackside Assets CS System: wrong configuration data sent</p> <p>_ is caused :  SPRM-1640 - Output of TCCS Configuration to Configuration Manager: wrong configuration data state sent</p> <p>_ is caused :  SPRM-1642 - Output of TCCS Configuration to Signaller: wrong configuration data state sent</p> <p>_ is caused :  SPRM-1646 - Output of TCCS Configuration to Traffic Management System: wrong configuration data state sent</p> <p>_ is caused :  SPRM-1649 - Input from Traffic CS System to TCCS Configuration: wrong configuration data state received</p> <p>_ is caused :  SPRM-1660 - Input from Configuration Manager to TCCS Configuration: wrong configuration data state received</p> <p>_ is caused :  SPRM-1666 - Input from Integrator to TCCS Configuration: wrong checked and signed configuration data received</p> <p>_ is caused :  SPRM-1672 - Input from Data Preparation to TCCS Configuration: wrong signed configuration data received</p> <p>_ is caused :  SPRM-1678 - Input from Integrator to TCCS Configuration: wrong configuration data received</p> <p>_ is caused :  SPRM-2010 - Input from Trackside Assets CS System to TCCS Configuration: wrong system state observation received</p> <p>_ is caused :  SPRM-2013 - Input from TrainCS System to TCCS Configuration: wrong system state observation received</p>
Type	 Accident

[A3.1] Level Crossing Accident involving a train

A level crossing accident involving a train and falling within the A.3.1 sub-categories.










ID	SPRM-82
old ID	CSM-ALSP A3.1; RSSB CHAMOIS 12.02; RSSB CHAMOIS 5; EPSF 1.3.1;

Linked Work Items	is branched from :   SPPRAMSS-5768 - [A3.1] Level Crossing Accident involving a train : 487801 has parent :  SPRM-81 - [A3] Level Crossing Accident _ is parent of :  SPRM-83 - [A3.1.1] Level Crossing Accident involving a train and pedestrians _ is parent of :  SPRM-84 - [A3.1.2] Level Crossing Accident involving a train and crossing vehicles _ is caused :  SPRM-1180 - Incorrect position and direction from Rolling Stock Reference Point _ is caused :  SPRM-1181 - Late position and direction from Rolling Stock Reference Point
Type	 Accident

[A3.1.1] Level Crossing Accident involving a train and pedestrians

Any accident at level crossings involving at least one train and crossing pedestrians.




















Note: pedestrians also include people crossing with bicycles (or other similar small vehicles normally allowed on pedestrian/bike paths).

ID	SPRM-83
old ID	CSM-ALSP A3.1.1; RSSB CHAMOIS 12.02; EPSF 1.3.1;
Linked Work Items	is branched from :   SPPRAMSS-5769 - [A3.1.1] Level Crossing Accident involving a train and pedestrians : 481524 has parent :  SPRM-82 - [A3.1] Level Crossing Accident involving a train _ is caused :  SPRM-546 - Synchronised current time to Transversal CCS _ is caused :  SPRM-547 - Synchronised current time to Transversal CCS _ is caused :  SPRM-548 - Synchronised current time to Transversal CCS _ is related to :  SPRM-888 - RSSB_12.02.02 - Person struck by train at level crossing - Person struck by train at level crossing due to level crossing lights / barriers failing to operate _ is related to :  SPRM-889 - RSSB_12.02.13 - Person struck by train at level crossing - Person struck by train at level crossing due to warning time for level crossing too short
Type	 Accident

[A3.1.2] Level Crossing Accident involving a train and crossing vehicles

Any accident at level crossings involving at least one train and one or more crossing vehicles or objects temporarily present on or near the track if lost by a crossing vehicle or user.

ID	SPRM-84
old ID	CSM-ALSP A3.1.2; EPSF 1.3.1; AB-EBV 39.2 3.1.d;








Linked Work Items	<p>is branched from :   SPPRAMSS-5770 - [A3.1.2] Level Crossing Accident involving a train and crossing vehicles : 459260</p> <p>has parent :  SPRM-82 - [A3.1] Level Crossing Accident involving a train</p> <p>_is caused :  SPRM-546 - Synchronised current time to Transversal CCS</p> <p>_is caused :  SPRM-547 - Synchronised current time to Transversal CCS</p> <p>_is caused :  SPRM-548 - Synchronised current time to Transversal CCS</p> <p>_is related to :  SPRM-728 - RSSB_5.02.01 - Level crossing equipment failures - Failure to detect approaching train</p> <p>_is related to :  SPRM-729 - RSSB_5.02.02 - Level crossing equipment failures - Lights / barriers fail to operate</p> <p>_is related to :  SPRM-730 - RSSB_5.02.03 - Level crossing equipment failures - Obstacle detection equipment failure</p> <p>_is related to :  SPRM-731 - RSSB_5.04.02 - Train driver error at level crossing (excluding SPAD) - Train overspeeding at PSR / TSR / ESR including on approach to locally monitored level crossings</p> <p>_is related to :  SPRM-732 - RSSB_5.05.01 - Train exceeds limit of movement authority (including SPADs) - Brake failure</p> <p>_is related to :  SPRM-733 - RSSB_5.05.18 - Train exceeds limit of movement authority (including SPADs) - Signal equipment operating error</p> <p>_is related to :  SPRM-734 - RSSB_5.05.19 - Train exceeds limit of movement authority (including SPADs) - Traction control failure</p> <p>_is related to :  SPRM-735 - RSSB_5.01.01 - Incorrect operation of level crossing by railway staff - Level crossing attendant error (local control)</p> <p>_is related to :  SPRM-736 - RSSB_5.01.02 - Incorrect operation of level crossing by railway staff - Signaller / crossing keeper error</p> <p>_is related to :  SPRM-737 - RSSB_5.03.01 - Road vehicle incorrectly on level crossing - Crossing user fails to stop, look and listen</p> <p>_is related to :  SPRM-738 - RSSB_5.03.02 - Road vehicle incorrectly on level crossing - Incorrect use of level crossing</p> <p>_is related to :  SPRM-739 - RSSB_5.03.03 - Road vehicle incorrectly on level crossing - Level crossing user fails to observe level crossing / level crossing lights</p> <p>_is related to :  SPRM-740 - RSSB_5.03.04 - Road vehicle incorrectly on level crossing - Poor crossing visibility for road user</p> <p>_is related to :  SPRM-741 - RSSB_5.03.05 - Road vehicle incorrectly on level crossing - Poor sighting distances at level crossing</p> <p>_is related to :  SPRM-742 - RSSB_5.03.06 - Road vehicle incorrectly on level crossing - Road traffic accident</p> <p>_is related to :  SPRM-743 - RSSB_5.03.07 - Road vehicle incorrectly on level crossing - Road traffic blocking back over crossing</p> <p>_is related to :  SPRM-744 - RSSB_5.03.08 - Road vehicle incorrectly on level crossing - Road user fails to use phone to check line is clear</p> <p>_is related to :  SPRM-745 - RSSB_5.03.09 - Road vehicle incorrectly on level crossing - Road user ignores lights/red light running or zig-zags barriers</p> <p>_is related to :  SPRM-746 - RSSB_5.03.10 - Road vehicle incorrectly on level crossing - Road user turns onto the railway</p> <p>_is related to :  SPRM-747 - RSSB_5.03.11 - Road vehicle incorrectly on level crossing - Road vehicle brakes too late for crossing</p> <p>_is related to :  SPRM-748 - RSSB_5.03.12 - Road vehicle incorrectly on level crossing - Road vehicle deliberately placed on level crossing</p> <p>_is related to :  SPRM-749 - RSSB_5.03.13 - Road vehicle incorrectly on level crossing - Road vehicle grounded or stuck</p> <p>_is related to :  SPRM-750 - RSSB_5.03.14 - Road vehicle incorrectly on level crossing - Road vehicle on line due criminal / vandal activity</p> <p>_is related to :  SPRM-751 - RSSB_5.03.15 - Road vehicle incorrectly on level crossing - Road vehicle on line due to road traffic accident</p> <p>_is related to :  SPRM-752 - RSSB_5.03.16 - Road vehicle incorrectly on level crossing - Road vehicle stranded or failed</p>
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	<p>_ is related to : ⚡ SPRM-753 - RSSB_5.03.17 - Road vehicle incorrectly on level crossing - Second train coming</p> <p>_ is related to : ⚡ SPRM-754 - RSSB_5.03.18 - Road vehicle incorrectly on level crossing - Sunlight obscures crossing / light</p> <p>_ is related to : ⚡ SPRM-755 - RSSB_5.03.19 - Road vehicle incorrectly on level crossing - Sunlight obscures crossing / view up and down tracks</p> <p>_ is related to : ⚡ SPRM-756 - RSSB_5.04.01 - Train driver error at level crossing (excluding SPAD) - Train driver fails to observe locally monitored crossing</p> <p>_ is related to : ⚡ SPRM-757 - RSSB_5.05.02 - Train exceeds limit of movement authority (including SPADs) - Driver anticipation of signal clearance</p> <p>_ is related to : ⚡ SPRM-758 - RSSB_5.05.03 - Train exceeds limit of movement authority (including SPADs) - Driver failure to check signal aspect</p> <p>_ is related to : ⚡ SPRM-759 - RSSB_5.05.04 - Train exceeds limit of movement authority (including SPADs) - Driver failure to locate signal aspect</p> <p>_ is related to : ⚡ SPRM-760 - RSSB_5.05.05 - Train exceeds limit of movement authority (including SPADs) - Driver failure to react to cautionary aspect</p> <p>_ is related to : ⚡ SPRM-761 - RSSB_5.05.06 - Train exceeds limit of movement authority (including SPADs) - Driver ignorance of rules/ instructions</p> <p>_ is related to : ⚡ SPRM-762 - RSSB_5.05.07 - Train exceeds limit of movement authority (including SPADs) - Driver misjudge of environmental conditions</p> <p>_ is related to : ⚡ SPRM-763 - RSSB_5.05.08 - Train exceeds limit of movement authority (including SPADs) - Driver misjudge of train behaviour</p> <p>_ is related to : ⚡ SPRM-764 - RSSB_5.05.09 - Train exceeds limit of movement authority (including SPADs) - Driver misreading aspect on correct signal</p> <p>_ is related to : ⚡ SPRM-765 - RSSB_5.05.10 - Train exceeds limit of movement authority (including SPADs) - Driver misreading the previous signal aspect</p> <p>_ is related to : ⚡ SPRM-766 - RSSB_5.05.11 - Train exceeds limit of movement authority (including SPADs) - Driver viewing the wrong signal</p> <p>_ is related to : ⚡ SPRM-767 - RSSB_5.05.12 - Train exceeds limit of movement authority (including SPADs) - Driver violation of rules/instructions</p> <p>_ is related to : ⚡ SPRM-768 - RSSB_5.05.13 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - Ambiguous/ incomplete information given</p> <p>_ is related to : ⚡ SPRM-769 - RSSB_5.05.14 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - Correct information given but misunderstood</p> <p>_ is related to : ⚡ SPRM-770 - RSSB_5.05.15 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - handsignaller communication human error</p> <p>_ is related to : ⚡ SPRM-771 - RSSB_5.05.16 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - Information not given</p> <p>_ is related to : ⚡ SPRM-772 - RSSB_5.05.17 - Train exceeds limit of movement authority (including SPADs) - Miscommunication - Wrong information given</p> <p>_ is related to : ⚡ SPRM-773 - RSSB_5.05.20 - Train exceeds limit of movement authority (including SPADs) - Vegetation on the track</p>
Type	 Accident

[A3.2] Level Crossing Accident involving one or more rail vehicles





Any accident at level crossings involving one or more rail vehicles and one or more crossing vehicles,

crossing users such as pedestrians or objects temporarily present on or near the track if lost by a crossing vehicle or user.

ID	SPRM-85
old ID	CSM-ALSP A3.2; RSSB CHAMOIS 5; EPSF 1.3.1;
Linked Work Items	is branched from :   SPPRAMSS-5771 - [A3.2] Level Crossing Accident involving one or more rail vehicles : 487801 has parent :  SPRM-81 - [A3] Level Crossing Accident _is caused :  SPRM-546 - Synchronised current time to Transversal CCS _is caused :  SPRM-547 - Synchronised current time to Transversal CCS _is caused :  SPRM-548 - Synchronised current time to Transversal CCS
Type	 Accident

[A3.0] Other level crossing accident

Any other accident falling within the category 'level crossing accident', but not covered by the subcategories above.



ID	SPRM-86
old ID	CSM-ALSP A3.2; RSSB CHAMOIS 5; EPSF 1.3.1;
Linked Work Items	is branched from :   SPPRAMSS-5772 - [A3.0] Other level crossing accident : 481524 has parent :  SPRM-81 - [A3] Level Crossing Accident
Type	 Accident


[A4] Accidents to persons involving rolling stock in motion


An accident to persons involving rolling stock in motion falling within the A.4 sub-categories.


ID	SPRM-87
old ID	CSM-ALSP A4; EPSF 1.4; DIRECTIVE 2004/49/EC Annex 1 (1) 1.4; UIC SAFETY DB Individual hit by train/Individual falling from a train; BEU §1.3 Personenunfall; EBA Personenunfall;


Linked Work Items


is branched from :   SPPRAMSS-5773 - [A4] Accidents to persons involving rolling stock in motion : 477564


has parent :  SPRM-70 - List of Accidents


_ is parent of :  SPRM-88 - [A4.1] Accidents to persons involving a train in motion


_ is parent of :  SPRM-89 - [A4.2] Accidents to persons involving rail vehicle in motion


_ is parent of :  SPRM-90 - [A4.0] Other accidents to persons involving rolling stock in motion


_ is caused :  SPRM-956 - Incorrect required operational traffic plan from TMS


_ is caused :  SPRM-957 - Late required operational traffic plan from TMS


_ is caused :  SPRM-964 - Late confirmation request of usage restriction activation to Signaller


_ is caused :  SPRM-966 - Early indication of Usage restriction activation state to Signaller


_ is caused :  SPRM-967 - Incorrect indication of Usage restriction activation state to Signaller


_ is caused :  SPRM-971 - Incorrect usage restriction activation confirmation from Signaller


_ is caused :  SPRM-972 - Late usage restriction activation confirmation from Signaller


_ is caused :  SPRM-1438 - Late wheel passing information from Wheel (1)


_ is caused :  SPRM-1475 - Early required operational traffic plan from TMS


_ is caused :  SPRM-1476 - Incorrect required operational traffic plan from TMS


_ is caused :  SPRM-1478 - Early usage restriction deactivation confirmation from Signaller


_ is caused :  SPRM-1479 - Incorrect usage restriction deactivation confirmation from Signaller


_ is caused :  SPRM-1636 - Output of TCCS Configuration to Traffic CS System: wrong configuration data sent


_ is caused :  SPRM-1638 - Output of TCCS Configuration to Trackside Assets CS System: wrong configuration data sent


_ is caused :  SPRM-1640 - Output of TCCS Configuration to Configuration Manager: wrong configuration data state sent


_ is caused :  SPRM-1642 - Output of TCCS Configuration to Signaller: wrong configuration data state sent


_ is caused :  SPRM-1646 - Output of TCCS Configuration to Traffic Management System: wrong configuration data state sent


_ is caused :  SPRM-1649 - Input from Traffic CS System to TCCS Configuration: wrong configuration data state received


_ is caused :  SPRM-1660 - Input from Configuration Manager to TCCS Configuration: wrong configuration data state received


_ is caused :  SPRM-1666 - Input from Integrator to TCCS Configuration: wrong checked and signed configuration data received


_ is caused :  SPRM-1672 - Input from Data Preparation to TCCS Configuration: wrong signed configuration data received


_ is caused :  SPRM-1678 - Input from Integrator to TCCS Configuration: wrong configuration data received


_ is caused :  SPRM-1778 - Incorrect confirmation request of usage restriction deactivation to Signaller

_ is caused :  SPRM-1780 - Early confirmation request of usage restriction deactivation to Signaller

_ is caused :  SPRM-2010 - Input from Trackside Assets CS System to TCCS Configuration: wrong system state observation received





_ is caused :  SPRM-2013 - Input from TrainCS System to TCCS Configuration: wrong system state observation received

_ is caused :  SPRM-2173 - Late usage restriction activation confirmation from

	Signaller _is caused : ⚠️ SPRM-2229 - _is caused : ⚠️ SPRM-2234 - _is caused : ⚠️ SPRM-2311 - Incorrect point position in movement permission
Type	 Accident





[A4.1] Accidents to persons involving a train in motion

Accidents to one or more persons who are either hit by a train or by an object attached to, or that has become detached from the train; this includes persons who fall from trains as well as persons who fall or are hit by loose objects when travelling on board trains.

ID	SPRM-88
old ID	CSM-ALSP A4.1; RSSB CHAMOIS 12; EPSF 1.4.1; VDE V 0831-103 Tab. 3; Directive (EU) 2016/798 Annex 1 1.1.5;
Linked Work Items	is branched from :   SPPRAMSS-5774 - [A4.1] Accidents to persons involving a train in motion : 481524 has parent :  SPRM-87 - [A4] Accidents to persons involving rolling stock in motion _is caused : ⚠️ SPRM-546 - Synchronised current time to Transversal CCS _is caused : ⚠️ SPRM-547 - Synchronised current time to Transversal CCS _is caused : ⚠️ SPRM-548 - Synchronised current time to Transversal CCS _is caused : ⚠️ SPRM-1265 - Early authorised automatic driving state from Driver _is caused : ⚠️ SPRM-1267 - Incorrect authorised automatic driving state from Driver _is caused : ⚠️ SPRM-2293 -
Type	 Accident





[A4.2] Accidents to persons involving rail vehicle in motion

Accidents to one or more persons who are either hit by a railway vehicle or by an object attached to, or that has become detached from the vehicle; this includes persons who fall from railway vehicles as well as persons who fall or are hit by loose objects when travelling on board vehicles.

ID	SPRM-89
old ID	CSM-ALSP A4.2; RSSB CHAMOIS 12; EPSF 1.4.1;
Linked Work Items	is branched from :   SPPRAMSS-5775 - [A4.2] Accidents to persons involving rail vehicle in motion : 487801 has parent :  SPRM-87 - [A4] Accidents to persons involving rolling stock in motion _is caused : ⚠️ SPRM-546 - Synchronised current time to Transversal CCS _is caused : ⚠️ SPRM-547 - Synchronised current time to Transversal CCS _is caused : ⚠️ SPRM-548 - Synchronised current time to Transversal CCS _is caused : ⚠️ SPRM-1265 - Early authorised automatic driving state from Driver _is caused : ⚠️ SPRM-1267 - Incorrect authorised automatic driving state from Driver _is caused : ⚠️ SPRM-2293 -
Type	 Accident







[A4.0] Other accidents to persons involving rolling stock in motion

Any other accident falling within the category 'accidents to persons involving rolling stock in motion', but not covered by the subcategories above. A reporting of information in accordance with section 3.3 of Appendix A - Part C shall apply.

ID	SPRM-90
old ID	CCSM-ALSP A4.0; RSSB CHAMOIS 12;
Linked Work Items	is branched from :   SPPRAMSS-5776 - [A4.0] Other accidents to persons involving rolling stock in motion : 487801 has parent :  SPRM-87 - [A4] Accidents to persons involving rolling stock in motion
Type	 Accident















Fire (or explosion)

A fire or explosion event falling within the sub-categories.

ID	SPRM-91
old ID	RSSB CHAMOIS 9; EPSF 1.5; DIRECTIVE 2004/49/EC Annex 1 (1) 1.6; EBA Brand/Explosion;
Linked Work Items	is branched from :   SPPRAMSS-7053 - Fire (or explosion) : 487801 has parent :  SPRM-70 - List of Accidents _ is parent of :  SPRM-92 - [A5] Fire (or explosion) in rolling stock _ is parent of :  SPRM-96 - Fire (or explosion) in other location
Type	 Accident




















[A5] Fire (or explosion) in rolling stock

A fire (or explosion) in rolling stock (including its load) event falling within the A.5 sub-categories.

ID	SPRM-92
old ID	CSM-ALSP A5; RSSB CHAMOIS 9; EPSF 1.5; Directive (EU) 2016/798 Annex 1 1.1.6; UIC SAFETY DB Fire in rolling stock; BEU §1.3 Fahrzeugbrand;
Linked Work Items	is branched from :   SPPRAMSS-5777 - [A5] Fire (or explosion) in rolling stock : 487801 has parent :  SPRM-91 - Fire (or explosion) _ is parent of :  SPRM-93 - [A5.1] Fire (or explosion) in a train _ is parent of :  SPRM-94 - [A5.2] Fire (or explosion) involving one or more rail vehicles _ is parent of :  SPRM-95 - [A5.0] Others fire (or explosion) in rolling stock _ is related to :  SPRM-786 - RSSB_9.01.02 - Fire - Electrical equipment fault _ is related to :  SPRM-787 - RSSB_9.01.03 - Fire - Lineside fire (e.g. cable fire, fires neighbouring railway) _ is related to :  SPRM-788 - RSSB_9.01.06 - Fire - Traction current collection / return fault _ is related to :  SPRM-789 - RSSB_9.01.07 - Fire - Traction motor fault _ is related to :  SPRM-790 - RSSB_9.01.08 - Fire - Brake failure - train brakes sparking or dragging _ is related to :  SPRM-791 - RSSB_9.01.09 - Fire - Train engine fire (including exhaust fire and oil / diesel leaks) _ is related to :  SPRM-792 - RSSB_9.01.11 - Fire - Train mechanical equipment fault
Type	 Accident

[A5.1] Fire (or explosion) in a train




















A fire or explosion that occurs in a train (including its load).

ID	SPRM-93
old ID	CSM-ALSP A5.1; RSSB CHAMOIS 9; EPSF 1.5.1;
Linked Work Items	<p>is branched from :   SPPRAMSS-5778 - [A5.1] Fire (or explosion) in a train : 487801</p> <p>has parent :  SPRM-92 - [A5] Fire (or explosion) in rolling stock</p> <p>_ is related to :  SPRM-786 - RSSB_9.01.02 - Fire - Electrical equipment fault</p> <p>_ is related to :  SPRM-787 - RSSB_9.01.03 - Fire - Lineside fire (e.g. cable fire, fires neighbouring railway)</p> <p>_ is related to :  SPRM-788 - RSSB_9.01.06 - Fire - Traction current collection / return fault</p> <p>_ is related to :  SPRM-789 - RSSB_9.01.07 - Fire - Traction motor fault</p> <p>_ is related to :  SPRM-790 - RSSB_9.01.08 - Fire - Brake failure - train brakes sparking or dragging</p> <p>_ is related to :  SPRM-791 - RSSB_9.01.09 - Fire - Train engine fire (including exhaust fire and oil / diesel leaks)</p> <p>_ is related to :  SPRM-792 - RSSB_9.01.11 - Fire - Train mechanical equipment fault</p> <p>_ is related to :  SPRM-793 - RSSB_9.01.01 - Fire - Accumulation of combustible gases, fumes, vapour or dust</p> <p>_ is related to :  SPRM-794 - RSSB_9.01.04 - Fire - Presence of ignition source</p> <p>_ is related to :  SPRM-795 - RSSB_9.01.05 - Fire - Stored or transported flammable materials</p> <p>_ is related to :  SPRM-796 - RSSB_9.01.10 - Fire - Train fires - human error / carelessness (includes crew and passenger and discarded cigarettes)</p> <p>_ is related to :  SPRM-797 - RSSB_9.01.12 - Fire - Vandalism - arson</p> <p>_ is related to :  SPRM-798 - RSSB_9.02.01 - Explosion - Deflagration explosion (with slow flame front)</p> <p>_ is related to :  SPRM-799 - RSSB_9.02.02 - Explosion - Detonation explosion (with shock wave)</p> <p>_ is related to :  SPRM-800 - RSSB_9.02.03 - Explosion - Handling detonators without due care</p>
Type	 Accident

[A5.2] Fire (or explosion) involving one or more rail vehicles

A fire or explosion that occurs in a rail vehicle (including its load).




















ID	SPRM-94
old ID	CSM-ALSP A5; RSSB CHAMOIS 9; EPSF 1.5;

Linked Work Items	<p>is branched from :   SPPRAMSS-5779 - [A5.2] Fire (or explosion) involving one or more rail vehicles : 481524</p> <p>has parent :  SPRM-92 - [A5] Fire (or explosion) in rolling stock</p> <p>_ is related to :  SPRM-786 - RSSB_9.01.02 - Fire - Electrical equipment fault</p> <p>_ is related to :  SPRM-787 - RSSB_9.01.03 - Fire - Lineside fire (e.g. cable fire, fires neighbouring railway)</p> <p>_ is related to :  SPRM-788 - RSSB_9.01.06 - Fire - Traction current collection / return fault</p> <p>_ is related to :  SPRM-789 - RSSB_9.01.07 - Fire - Traction motor fault</p> <p>_ is related to :  SPRM-790 - RSSB_9.01.08 - Fire - Brake failure - train brakes sparking or dragging</p> <p>_ is related to :  SPRM-791 - RSSB_9.01.09 - Fire - Train engine fire (including exhaust fire and oil / diesel leaks)</p> <p>_ is related to :  SPRM-792 - RSSB_9.01.11 - Fire - Train mechanical equipment fault</p> <p>_ is related to :  SPRM-793 - RSSB_9.01.01 - Fire - Accumulation of combustible gases, fumes, vapour or dust</p> <p>_ is related to :  SPRM-794 - RSSB_9.01.04 - Fire - Presence of ignition source</p> <p>_ is related to :  SPRM-795 - RSSB_9.01.05 - Fire - Stored or transported flammable materials</p> <p>_ is related to :  SPRM-796 - RSSB_9.01.10 - Fire - Train fires - human error / carelessness (includes crew and passenger and discarded cigarettes)</p> <p>_ is related to :  SPRM-797 - RSSB_9.01.12 - Fire - Vandalism - arson</p> <p>_ is related to :  SPRM-798 - RSSB_9.02.01 - Explosion - Deflagration explosion (with slow flame front)</p> <p>_ is related to :  SPRM-799 - RSSB_9.02.02 - Explosion - Detonation explosion (with shock wave)</p> <p>_ is related to :  SPRM-800 - RSSB_9.02.03 - Explosion - Handling detonators without due care</p>
Type	 Accident

[A5.0] Others fire (or explosion) in rolling stock

Any other accident falling within the category 'fire (or explosion) in rolling stock' (including its load), but not covered by the subcategories above.




















ID	SPRM-95
old ID	CSM-ALSP A5.0; RSSB CHAMOIS 9;

Linked Work Items	<p>is branched from :   SPPRAMSS-5780 - [A5.0] Others fire (or explosion) in rolling stock : 487801</p> <p>has parent :  SPRM-92 - [A5] Fire (or explosion) in rolling stock</p> <p>_ is related to :  SPRM-786 - RSSB_9.01.02 - Fire - Electrical equipment fault</p> <p>_ is related to :  SPRM-787 - RSSB_9.01.03 - Fire - Lineside fire (e.g. cable fire, fires neighbouring railway)</p> <p>_ is related to :  SPRM-788 - RSSB_9.01.06 - Fire - Traction current collection / return fault</p> <p>_ is related to :  SPRM-789 - RSSB_9.01.07 - Fire - Traction motor fault</p> <p>_ is related to :  SPRM-790 - RSSB_9.01.08 - Fire - Brake failure - train brakes sparking or dragging</p> <p>_ is related to :  SPRM-791 - RSSB_9.01.09 - Fire - Train engine fire (including exhaust fire and oil / diesel leaks)</p> <p>_ is related to :  SPRM-792 - RSSB_9.01.11 - Fire - Train mechanical equipment fault</p> <p>_ is related to :  SPRM-793 - RSSB_9.01.01 - Fire - Accumulation of combustible gases, fumes, vapour or dust</p> <p>_ is related to :  SPRM-794 - RSSB_9.01.04 - Fire - Presence of ignition source</p> <p>_ is related to :  SPRM-795 - RSSB_9.01.05 - Fire - Stored or transported flammable materials</p> <p>_ is related to :  SPRM-796 - RSSB_9.01.10 - Fire - Train fires - human error / carelessness (includes crew and passenger and discarded cigarettes)</p> <p>_ is related to :  SPRM-797 - RSSB_9.01.12 - Fire - Vandalism - arson</p> <p>_ is related to :  SPRM-798 - RSSB_9.02.01 - Explosion - Deflagration explosion (with slow flame front)</p> <p>_ is related to :  SPRM-799 - RSSB_9.02.02 - Explosion - Detonation explosion (with shock wave)</p> <p>_ is related to :  SPRM-800 - RSSB_9.02.03 - Explosion - Handling detonators without due care</p>
Type	 Accident

Fire (or explosion) in other location

Fire (or explosion) in other location such as tunnel, station, etc.























ID	SPRM-96
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Linked Work Items	<p>is branched from :   SPPRAMSS-7054 - Fire (or explosion) in other location : 464237</p> <p>has parent :  SPRM-91 - Fire (or explosion)</p> <p>_ is related to :  SPRM-786 - RSSB_9.01.02 - Fire - Electrical equipment fault</p> <p>_ is related to :  SPRM-787 - RSSB_9.01.03 - Fire - Lineside fire (e.g. cable fire, fires neighbouring railway)</p> <p>_ is related to :  SPRM-788 - RSSB_9.01.06 - Fire - Traction current collection / return fault</p> <p>_ is related to :  SPRM-789 - RSSB_9.01.07 - Fire - Traction motor fault</p> <p>_ is related to :  SPRM-790 - RSSB_9.01.08 - Fire - Brake failure - train brakes sparking or dragging</p> <p>_ is related to :  SPRM-791 - RSSB_9.01.09 - Fire - Train engine fire (including exhaust fire and oil / diesel leaks)</p> <p>_ is related to :  SPRM-792 - RSSB_9.01.11 - Fire - Train mechanical equipment fault</p> <p>_ is related to :  SPRM-793 - RSSB_9.01.01 - Fire - Accumulation of combustible gases, fumes, vapour or dust</p> <p>_ is related to :  SPRM-794 - RSSB_9.01.04 - Fire - Presence of ignition source</p> <p>_ is related to :  SPRM-795 - RSSB_9.01.05 - Fire - Stored or transported flammable materials</p> <p>_ is related to :  SPRM-796 - RSSB_9.01.10 - Fire - Train fires - human error / carelessness (includes crew and passenger and discarded cigarettes)</p> <p>_ is related to :  SPRM-797 - RSSB_9.01.12 - Fire - Vandalism - arson</p> <p>_ is related to :  SPRM-798 - RSSB_9.02.01 - Explosion - Deflagration explosion (with slow flame front)</p> <p>_ is related to :  SPRM-799 - RSSB_9.02.02 - Explosion - Detonation explosion (with shock wave)</p> <p>_ is related to :  SPRM-800 - RSSB_9.02.03 - Explosion - Handling detonators without due care</p>
Type	 Accident

[A0] Other accident

Any accident other than a collision, derailment, level crossing accident, an accident to person involving rolling stock in motion or a fire in rolling stock, falling within the A.0 sub-categories.














ID	SPRM-97
old ID	CSM-ALSP A0; EPSF 1.6; DIRECTIVE 2004/49/EC Annex 1 (1) 1.7; Directive (EU) 2016/798 Annex 1 1.1.7; BEU §1.3 sonstiger Unfall im Eisenbahnbetrieb; EBA Sonstiger Unfall im Eisenbahnbetrieb;

Linked Work Items	<p>is branched from :   SPPRAMSS-5781 - [A0] Other accident : 477564</p> <p>has parent :  SPRM-70 - List of Accidents</p> <p>_ is parent of :  SPRM-98 - [A0.1] Electric shock</p> <p>_ is parent of :  SPRM-99 - [A0.2] Cargo/freight falling from a height</p> <p>_ is parent of :  SPRM-100 - [A0.3] Dangerous goods accident not related to another type A event</p> <p>_ is parent of :  SPRM-101 - [A0.0] Other</p> <p>_ is parent of :  SPRM-1791 - Accident to persons due to direct and indirect collision with the railway vehicle or its parts within the railway infrastructure</p> <p>_ is parent of :  SPRM-1794 - Accident to persons collidng with objects outside railway vehicle in close range of the kinematic envelope within the railway infrastructure</p> <p>_ is parent of :  SPRM-1798 - Accident to persons collidng with objects inside railway vehicle within the railway infrastructure</p> <p>_ is parent of :  SPRM-1808 - Accident to persons crushed and / or entrapped by railway vehicle in motion (pressure effect)</p> <p>_ is parent of :  SPRM-1812 - Accident to persons colliding with an object outside the railway vehicle and where persons located partly inside and partly outside the railway vehicle vehicle in the railway infrastructure</p> <p>_ is parent of :  SPRM-1813 - Accident to persons accidentally trapped and dragged by the railway vehicle in motion within raliway infrastructure</p> <p>_ is parent of :  SPRM-1814 - Accident to persons crushed and / or entrapped by objects in railway infrastructure (independent from the involvement of railway vehicle)</p> <p>_ is parent of :  SPRM-1818 - Accident to persons crushed and / or entrapped in a crowd within railway infrastructure</p> <p>_ is parent of :  SPRM-1821 - Accidents to persons due to hazardous contacts.</p> <p>_ is parent of :  SPRM-1830 - Accidents to persons: Asphyxia</p> <p>_ is parent of :  SPRM-1833 - Accidents to persons due to slip, trip, falling</p> <p>_ is parent of :  SPRM-1844 - Accident to persons: Deafening</p> <p>_ is parent of :  SPRM-1845 - Accident to persons: Dehydration</p> <p>_ is parent of :  SPRM-1846 - Accident to persons: Cut</p>
Type	 Accident

[A0.1] Electric shock





Any accident caused by electric current passing through the body.

ID	SPRM-98
old ID	CSM-ALSP A0.1; RSSB CHAMOIS 6; EPSF 1.6.3; UIC SAFETY DB Electrocution by overhead line or third rail;

Linked Work Items	is branched from :   SPPRAMSS-5782 - [A0.1] Electric shock : 487801 has parent :  SPRM-97 - [A0] Other accident _ is related to :  SPRM-777 - RSSB_6.01.01 - Contact with traction supply - Electric shock due to earthing fault _ is related to :  SPRM-778 - RSSB_6.01.02 - Contact with traction supply - Electric shock due to faulty equipment _ is related to :  SPRM-779 - RSSB_6.01.03 - Contact with traction supply - Electric shock due to incorrect isolation _ is related to :  SPRM-780 - RSSB_6.02.01 - Contact with non-traction supply - Electric shock due to earthing fault _ is related to :  SPRM-781 - RSSB_6.02.02 - Contact with non-traction supply - Electric shock due to faulty equipment _ is related to :  SPRM-782 - RSSB_6.02.03 - Contact with non-traction supply - Electric shock due to incorrect isolation _ is related to :  SPRM-783 - RSSB_6.01.04 - Contact with traction supply - Electric shock due to falling onto traction _ is related to :  SPRM-784 - RSSB_6.01.05 - Contact with traction supply - Electric shock due to contact with traction via object _ is related to :  SPRM-785 - RSSB_6.01.06 - Contact with traction supply - Electric shock due to powering of train whilst train is undergoing maintenance
Type	 Accident





[A0.2] Cargo/freight falling from a height

Any accident caused by cargo/freight falling from a height, including during loading and unloading operations.

ID	SPRM-99
old ID	CSM-ALSP A0.2; RSSB CHAMOIS 10;
Linked Work Items	is branched from :   SPPRAMSS-5783 - [A0.2] Cargo/freight falling from a height : 487801 has parent :  SPRM-97 - [A0] Other accident
Type	 Accident

[A0.3] Dangerous goods accident not related to another type A event

Any accident involving dangerous goods to be reported in accordance with section 1.8.5 of 'RID' (as referred to in Annex II.1 to Directive 2008/68/EC, as amended) and not covered by another type A event.

ID	SPRM-100
old ID	CSM-ALSP A0.3; EPSF 1.6.1; UIC SAFETY DB Accident involving dangerous good (no release/release);
Linked Work Items	is branched from :   SPPRAMSS-5784 - [A0.3] Dangerous goods accident not related to another type A event : 481524 has parent :  SPRM-97 - [A0] Other accident
Type	 Accident





Accident to persons due to direct and indirect collision with the railway vehicle or its parts within the railway infrastructure

Accident to persons outside the train in the infrastructure caused by

- direct head-on collision with the vehicle,
- lateral collision with the vehicle,



Remark 1: Persons involved in the collision are close to the area of the kinematic envelope of the railway vehicle

Remark 2: Cyclists are not considered as pedestrians and are part of the considered train-object collision accidents at level crossings

ID	SPRM-1791
old ID	AP-CollV
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident _ is parent of :  SPRM-1792 - Accident to persons outside the vehicle due to direct head-on collision with the railway vehicle _ is parent of :  SPRM-1793 - Accident to persons outside the vehicle due to lateral collision with the vehicle
Type	 Accident



Accident to persons outside the vehicle due to direct head-on collision with the railway vehicle

Accident to persons outside the train in the infrastructure caused by direct head-on collision with the vehicle.

ID	SPRM-1792
old ID	AP-CollV-Cls2KE_nLC
Linked Work Items	has parent :  SPRM-1791 - Accident to persons due to direct and indirect collision with the railway vehicle or its parts within the railway infrastructure
Type	 Accident

Accident to persons outside the vehicle due to lateral collision with the vehicle

Accident to a persons outside the train in the infrastructure caused by lateral hit with railway vehicle.

ID	SPRM-1793
old ID	AP-CollV-Cls2KE
Linked Work Items	has parent :  SPRM-1791 - Accident to persons due to direct and indirect collision with the railway vehicle or its parts within the railway infrastructure
Type	 Accident

Accident to persons colliding with objects outside railway vehicle in close range of the kinematic envelope within the railway infrastructure






Accident to persons outside the train in the infrastructure caused by

- hit by hanging objects resp. parts of the vehicle,
- hit by broken objects resp. parts of the vehicle or
- object that are thrown-up/away by the vehicles

Remark 1: Persons involved in the collision are close to the area of the kinematic envelope of the railway vehicle



Remark 2: Cyclists are not considered as pedestrians and are part of the considered train-object collision accidents at level crossings.

ID	SPRM-1794
old ID	AP-CollObj

Linked Work Items	has parent :  SPRM-97 - [A0] Other accident _ is parent of :  SPRM-1795 - Accident to persons colliding with or are struck by objects hanging loose from the railway vehicle _ is parent of :  SPRM-1796 - Accident to persons colliding with objects thrown up by the movement of the vehicle _ is parent of :  SPRM-1797 - Accident to persons who are struck by an object broken off the railway vehicle
Type	 Accident



Accident to persons colliding with or are struck by objects hanging loose from the railway vehicle

Accident to persons hit by a loose but not yet completely detached part of a railway vehicle which protrudes beyond the area of the kinematic envelope.

ID	SPRM-1795
old ID	AP-ImpRS-OtsdKE-HangPt
Linked Work Items	has parent :  SPRM-1794 - Accident to persons colliding with objects outside railway vehicle in close range of the kinematic envelope within the railway infrastructure
Type	 Accident



Accident to persons who are struck by an object broken off the railway vehicle

Accident to persons hit by a broken / detached part of a vehicle.

ID	SPRM-1797
old ID	AP-ImpRS-OtsdKE-BrokPt
Linked Work Items	has parent :  SPRM-1794 - Accident to persons colliding with objects outside railway vehicle in close range of the kinematic envelope within the railway infrastructure
Type	 Accident

Accident to persons colliding with objects thrown up by the movement of the vehicle












Accident to persons due to individuals hit by objects thrown up from a moving railway vehicle.

ID	SPRM-1796
old ID	AP-ImpRS-OtsdKE-ThrwnPt
Linked Work Items	has parent :  SPRM-1794 - Accident to persons colliding with objects outside railway vehicle in close range of the kinematic envelope within the railway infrastructure
Type	 Accident

Accident to persons colliding with objects inside railway vehicle within the railway infrastructure



Accident to persons colliding with objects inside the train (active/passive) caused by the object, person or external circumstances.

ID	SPRM-1798
old ID	AP-ImpRS

Linked Work Items	has parent :  SPRM-97 - [A0] Other accident _ is parent of :  SPRM-1799 - Accident to persons colliding with objects inside railway vehicle caused by broken objects falling down to the individuals _ is parent of :  SPRM-1800 - Accident to persons colliding with objects inside railway vehicle caused by objects unintentional falling down to the individuals _ is parent of :  SPRM-1801 - Accident to persons colliding with objects inside railway vehicle caused by hanging objects swinging around _ is parent of :  SPRM-1802 - Accident to persons colliding with objects inside railway vehicle caused by objects unintentionally sliding around _ is parent of :  SPRM-1803 - Accident to persons colliding with objects inside railway vehicle caused by objects unintentionally flying around _ is parent of :  SPRM-1804 - Accident to persons colliding with objects inside railway vehicle caused by improper positioning of the objects _ is parent of :  SPRM-1805 - Accident to persons colliding with objects inside railway vehicle caused by moveable element _ is parent of :  SPRM-1806 - Accident to persons colliding with objects inside railway vehicle caused by intended or unintended motion of the individuals due to inertial forces _ is parent of :  SPRM-1807 - Accident to persons colliding with objects inside railway vehicle caused by unexpected or unrecognized objects.
Type	 Accident



Accident to persons colliding with objects inside railway vehicle caused by broken objects falling down to the individuals

Accident to persons inside railway vehicle due to hit caused by broken objects falling down to the individuals.

ID	SPRM-1799
old ID	AP-ImpRS-Obj-FD-Br
Linked Work Items	has parent :  SPRM-1798 - Accident to persons colliding with objects inside railway vehicle within the railway infrastructure
Type	 Accident

Accident to persons colliding with objects inside railway vehicle caused by objects unintentional falling down to the individuals



Accident to persons inside railway vehicle due to hit caused by objects unintentionally falling down (e.g. Insufficiently secure luggage in the luggage rack) to the individuals.

ID	SPRM-1800
old ID	AP-ImpRS-Obj-FD-Fd
Linked Work Items	has parent :  SPRM-1798 - Accident to persons colliding with objects inside railway vehicle within the railway infrastructure
Type	 Accident

Accident to persons colliding with objects inside railway vehicle caused by hanging objects swinging around



Accident to persons inside railway vehicle caused by hanging objects swinging and leading to a individuals hit.

ID	SPRM-1801
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old ID	AP-ImpRS-Obj-LH-Sw
Linked Work Items	has parent :  SPRM-1798 - Accident to persons collidng with objects inside railway vehicle within the railway infrastructure
Type	 Accident



Accident to persons colliding with objects inside railway vehicle caused by objects unintentionally sliding around

Accident to persons inside railway vehicle caused by objects unintentionally sliding around and leading to a individuals hit.

ID	SPRM-1802
old ID	AP-ImpRS-Obj-LH-SI
Linked Work Items	has parent :  SPRM-1798 - Accident to persons collidng with objects inside railway vehicle within the railway infrastructure
Type	 Accident



Accident to persons colliding with objects inside railway vehicle caused by objects unintentionally flying around

Accident to persons inside railway vehicle caused by objects unintentionally flying around and leading to individuals hit.

ID	SPRM-1803
old ID	AP-ImpRS-Obj-LH-FI
Linked Work Items	has parent :  SPRM-1798 - Accident to persons collidng with objects inside railway vehicle within the railway infrastructure
Type	 Accident


Accident to persons colliding with objects inside railway vehicle caused by improper positioning of the objects

Accident to persons inside railway vehicle caused by objects located at position constituting as obstacle.

ID	SPRM-1804
old ID	AP-ImpRS-Obj-Obst
Linked Work Items	has parent :  SPRM-1798 - Accident to persons collidng with objects inside railway vehicle within the railway infrastructure
Type	 Accident

Accident to persons colliding with objects inside railway vehicle caused by moveable element



Accident to persons, where person is hit, struck, squeezed, crushed by (movable) object (e.g. door, window).

ID	SPRM-1805
old ID	AP-ImpRS-Obj-MO
Linked Work Items	has parent :  SPRM-1798 - Accident to persons collidng with objects inside railway vehicle within the railway infrastructure

Type	 Accident
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Accident to persons colliding with objects inside railway vehicle caused by intended or unintended motion of the individuals due to inertial forces

Accident to persons inside railway vehicle caused by inertial forces (e.g. due to high braking forces or high acceleration forces) to the individuals leading to an unintended motion and hit with an object.

ID	SPRM-1806
old ID	AP-ImpRS-Indv-InF
Linked Work Items	has parent :  SPRM-1798 - Accident to persons colliding with objects inside railway vehicle within the railway infrastructure
Type	 Accident






Accident to persons colliding with objects inside railway vehicle caused by unexpected or unrecognized objects.

Accident to persons inside railway vehicle caused by unexpected or unrecognized objects by the individuals.

ID	SPRM-1807
old ID	AP-ImpRS-Indv-neoO
Linked Work Items	has parent :  SPRM-1798 - Accident to persons colliding with objects inside railway vehicle within the railway infrastructure
Type	 Accident


Accident to persons crushed and / or entrapped by railway vehicle in motion (pressure effect)

Accident to persons, where individuals are hit, struck, squeezed, crushed by a railway vehicle.

ID	SPRM-1808
old ID	AP-ImpRS-Crush
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident _ is parent of :  SPRM-1809 - Accident to persons crushed and / or entrapped by railway vehicle and another vehicle on the track, where at least one of them is in motion (pressure effect) _ is parent of :  SPRM-1810 - Accident to persons crushed and /or entrapped by a railway vehicle in motion and an end-of-track element (pressure effect) _ is parent of :  SPRM-1811 - Accident to persons crushed and / or entrapped by a railway vehicle in motion and a permanent object (pressure effect)
Type	 Accident

Accident to persons crushed and / or entrapped by railway vehicle and another vehicle on the track, where at least one of them is in motion (pressure effect)



Accident to persons, where individuals are hit, struck, squeezed, crushed between railway vehicle and another vehicle on track.

ID	SPRM-1809
old ID	AP-ImpRS-Crush-VV
Linked Work Items	has parent :  SPRM-1808 - Accident to persons crushed and / or entrapped by railway vehicle in motion (pressure effect)

Type	 Accident
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

Accident to persons crushed and /or entrapped by a railway vehicle in motion and an end-of-track element (pressure effect)

Accident to persons, where individuals are hit, struck, squeezed, crushed between a railway vehicle in motion and an end-of-track element.

ID	SPRM-1810
old ID	AP-ImpRS-Crush-VEoT
Linked Work Items	has parent :  SPRM-1808 - Accident to persons crushed and / or entrapped by railway vehicle in motion (pressure effect)
Type	 Accident



Accident to persons crushed and / or entrapped by a railway vehicle in motion and a permanent object (pressure effect)

Accident to persons, where individuals are hit, struck, squeezed, crushed by a railway vehicle in motion and a permanent object.

ID	SPRM-1811
old ID	AP-ImpRS-Crush-Vpo
Linked Work Items	has parent :  SPRM-1808 - Accident to persons crushed and / or entrapped by railway vehicle in motion (pressure effect)
Type	 Accident



Accident to persons colliding with an object outside the railway vehicle and where persons located partly inside and partly outside the railway vehicle in the railway infrastructure

Accident to persons, where individuals are hit by objects outside the railway vehicle within railway infrastructure (e.g. signal or another train on near track) and person is located partly inside and partly outside the railway vehicle (e.g. leaning out the window or door)

ID	SPRM-1812
old ID	AP-ImpRS-OutElm
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident
Type	 Accident






Accident to persons accidentally trapped and dragged by the railway vehicle in motion within railway infrastructure

Accident to persons, where individuals are accidentally trapped and dragged by railway vehicle in motion within railway infrastructure.

ID	SPRM-1813
old ID	AP-ImpRS-OutElm-Drag
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident
Type	 Accident



Accident to persons crushed and / or entrapped by objects in railway infrastructure (independent from the involvement of railway vehicle)

Accident to persons, where individuals are hit, struck, squeezed, crushed by infrastructure element within railway infrastructure, but not caused by resp. independent from railway vehicle.

ID	SPRM-1814
old ID	AP-Implnfr
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident _ is parent of :  SPRM-1815 - Accident to persons crushed by movable objects in a restricted area _ is parent of :  SPRM-1816 - Accident to persons crushed by the collapse of infrastructure objects _ is parent of :  SPRM-1817 - Accident to persons crushed by movable objects in a non-restricted area (public)
Type	 Accident



Accident to persons crushed by movable objects in a restricted area

Accident to persons, where individuals are hit, struck, squeezed, crushed by movable object (e.g. switch, door) in a limited resp. in a restricted area of access in railway infrastructure, but not caused by resp. independent from railway vehicle.

ID	SPRM-1815
old ID	AP-Implnfr-Crush_MovObj-ResAc
Linked Work Items	has parent :  SPRM-1814 - Accident to persons crushed and / or entrapped by objects in railway infrastructure (independent from the involvement of railway vehicle)
Type	 Accident

Accident to persons crushed by movable objects in a non-restricted area (public)



Accident to persons, where individuals are hit, struck, squeezed, crushed by movable object in non-limited resp. non-restricted area of access (public) in railway infrastructure, but not caused by resp. independent from railway vehicle.

ID	SPRM-1817
old ID	AP-Implnfr-Crush_MovObj-nResAc
Linked Work Items	has parent :  SPRM-1814 - Accident to persons crushed and / or entrapped by objects in railway infrastructure (independent from the involvement of railway vehicle)
Type	 Accident

Accident to persons crushed by the collapse of infrastructure objects





Accident to persons, where individuals are hit, struck, squeezed, crushed by infrastructure object within railway infrastructure, but not caused by resp. independent from railway vehicle.

ID	SPRM-1816
old ID	AP-Implnfr-Crush_CollInf

Linked Work Items	has parent :  SPRM-1814 - Accident to persons crushed and / or entrapped by objects in railway infrastructure (independent from the involvement of railway vehicle)
Type	 Accident



Accident to persons crushed and / or entrapped in a crowd within railway infrastructure

Accident to persons, where individuals are struck, squeezed and / or entrapped within crowd (e.g. panic situations, incl. impaired breathing capacity).

ID	SPRM-1818
old ID	AP-Implnfr-Crush_crowd
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident _ is parent of :  SPRM-1819 - Accident to persons crushed and / or entrapped in a crowd in railway vehicles _ is parent of :  SPRM-1820 - Accident to persons crushed and/ or entrapped in a crowd within public area of railway infrastructure
Type	 Accident



Accident to persons crushed and / or entrapped in a crowd in railway vehicles

Accident to persons, where individuals are struck, squeezed and / or entrapped within crowd (e.g. panic situations, incl. impaired breathing capacity) in rolling stocks located within railway infrastructure.

ID	SPRM-1819
old ID	AP-Implnfr-Crush_crowd
Linked Work Items	has parent :  SPRM-1818 - Accident to persons crushed and / or entrapped in a crowd within railway infrastructure
Type	 Accident

Accident to persons crushed and/ or entrapped in a crowd within public area of railway infrastructure

Accident to persons, where individuals are struck, squeezed and / or entrapped within a crowd (e.g. panic situations, incl. impaired breathing capacity) within public area of railway infrastructure (e.g. station platform), but not caused by resp. independent from railway vehicle.










ID	SPRM-1820
old ID	AP-Implnfr-Crush_crowd
Linked Work Items	has parent :  SPRM-1818 - Accident to persons crushed and / or entrapped in a crowd within railway infrastructure
Type	 Accident

Accidents to persons due to hazardous contacts.

Accident to persons having hazardous contacts with



- hazardous materials, which have hazardous properties / characteristics (e.g. temperature, poisoning, pathogens, electricity electromagnetic waves, radiation) or
- hazardous environment, which has hazardous properties / characteristics (e.g. temperature, poisoning, pathogens, electricity electromagnetic waves, radiation).

ID	SPRM-1821
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old ID	AP-HazCont
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident _ is parent of :  SPRM-1822 - Accidents to persons having hazardous contacts: Electrical shock / Arcing _ is parent of :  SPRM-1823 - Accidents to persons having hazardous contacts: Burns due to hot surfaces _ is parent of :  SPRM-1824 - Accidents to persons having hazardous contacts: Burns / scalds due to hot gases _ is parent of :  SPRM-1825 - Accidents to persons having hazardous contacts: Burns / scalds due to hot liquids _ is parent of :  SPRM-1826 - Accidents to persons having hazardous contacts: Poisoning of persons due to contact with hazardous materials / environment _ is parent of :  SPRM-1827 - Accidents to persons having hazardous contacts: Radiation _ is parent of :  SPRM-1828 - Accidents to persons having hazardous contacts: Disease / pathogens propagation
Type	 Accident

Accidents to persons having hazardous contacts: Electrical shock / Arcing

Accident to persons due to electric shock by nearby objects with high power within railway infrastructure.

ID	SPRM-1822
old ID	AP-HazCont-Elec
Linked Work Items	has parent :  SPRM-1821 - Accidents to persons due to hazardous contacts.
Type	 Accident



Accidents to persons having hazardous contacts: Burns due to hot surfaces

Accident to persons due to contact with hot surfaces.

ID	SPRM-1823
old ID	AP-HazCont-Burn_Hsurf
Linked Work Items	has parent :  SPRM-1821 - Accidents to persons due to hazardous contacts.
Type	 Accident

Accidents to persons having hazardous contacts: Burns / scalds due to hot gases

Accident to persons due to contact with hot gases.

ID	SPRM-1824
old ID	AP-HazCont-Burn_Hgas
Linked Work Items	has parent :  SPRM-1821 - Accidents to persons due to hazardous contacts.
Type	 Accident



Accidents to persons having hazardous contacts: Burns / scalds due to hot liquids

Accident to persons due to contact with hot liquids.

ID	SPRM-1825
old ID	AP-HazCont-Burn_Hliq
Linked Work Items	has parent :  SPRM-1821 - Accidents to persons due to hazardous contacts.
Type	 Accident



Accidents to persons having hazardous contacts: Poisoning of persons due to contact with hazardous materials / environment

Accident to persons due to contacts with materials and / or environment with hazardous properties / characteristics - life-hostile resp. hazardous materials (e.g. toxic gas, acid, toxic elements).

ID	SPRM-1826
old ID	AP-HazCont-PRD_HazMat
Linked Work Items	has parent :  SPRM-1821 - Accidents to persons due to hazardous contacts.
Type	 Accident



Accidents to persons having hazardous contacts: Radiation

Accident to persons due to electromagnetic radiation.

ID	SPRM-1827
old ID	AP-HazCont-PRD_Rad
Linked Work Items	has parent :  SPRM-1821 - Accidents to persons due to hazardous contacts.
Type	 Accident




Accidents to persons having hazardous contacts: Disease / pathogens propagation

Accident to persons due to contacts with materials and / or environment with hazardous properties / characteristics - life-hostile pathogens (e.g. virus).

ID	SPRM-1828
old ID	AP-HazCont-PRD_Dis
Linked Work Items	has parent :  SPRM-1821 - Accidents to persons due to hazardous contacts.
Type	 Accident

Accidents to persons: Asphyxia



Accident to persons due to insufficient mixture of gases in the breathing air.

ID	SPRM-1830
old ID	AP-Asph
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident _ is parent of :  SPRM-1831 - Accidents to persons: Asphyxia due to harmful gases _ is parent of :  SPRM-1832 - Accidents to persons: Asphyxia due to oxygen depletion

Type	 Accident
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Accidents to persons: Asphyxia due to harmful gases

Accident to persons due to insufficient mixture of gases in the breathing air - gases that prevent from breathing resp. consuming oxygen.

ID	SPRM-1831
old ID	AP-Asph-Gas
Linked Work Items	has parent :  SPRM-1830 - Accidents to persons: Asphyxia
Type	 Accident












Accidents to persons: Asphyxia due to oxygen depletion

Accident to persons due to insufficient mixture of gases in the breathing air - reduced harmful oxygen level.

ID	SPRM-1832
old ID	AP-Asph-O2
Linked Work Items	has parent :  SPRM-1830 - Accidents to persons: Asphyxia
Type	 Accident



Accidents to persons due to slip, trip, falling

Accident to persons due to slip, trip, fall from / within railway infrastructure, including railway vehicle, station (platform) etc.

ID	SPRM-1833
old ID	AP-STFall
Linked Work Items	<p>has parent :  SPRM-97 - [A0] Other accident</p> <p>_ is parent of :  SPRM-1834 - Accidents to persons: Fall (incl. slip, trip) to level of standing height within a railway vehicle.</p> <p>_ is parent of :  SPRM-1835 - Accidents to persons: Fall (incl. slip, trip) to level of standing height within railway infrastructure</p> <p>_ is parent of :  SPRM-1836 - Accidents to persons: Fall (incl. slip, trip) to level of standing height in railway infrastructure from railway vehicle to (station) platform and / or (station) platform to railway vehicle</p> <p>_ is parent of :  SPRM-1837 - Accidents to persons: Fall from greater than standing height from a high point within railway vehicle</p> <p>_ is parent of :  SPRM-1838 - Accidents to persons: Fall from greater than standing height from a high point within railway infrastructure</p> <p>_ is parent of :  SPRM-1839 - Accidents to persons: Fall from greater than standing height from station platform to track</p> <p>_ is parent of :  SPRM-1840 - Accidents to persons: Fall from greater than standing height from railway vehicle to track</p> <p>_ is parent of :  SPRM-1841 - Accidents to persons: Fall from greater than standing height from a railway vehicle to (station) platform</p> <p>_ is parent of :  SPRM-1842 - Accidents to persons: Fall from greater than standing height from a railway vehicle to track environment</p> <p>_ is parent of :  SPRM-1843 - Accident to persons: Fall from greater than standing height into gap between platform and railway vehicle</p>



Type	 Accident
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Accidents to persons: Fall (incl. slip, trip) to level of standing height within a railway vehicle.
Persons slip, trip or fall to level of standing height within railway vehicle.

ID	SPRM-1834
old ID	AP-STFall_SH_RS
Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident



Accidents to persons: Fall (incl. slip, trip) to level of standing height within railway infrastructure

Persons slip, trip or fall to level of standing height within railway infrastructure (station platform, track area, station, ...), independent from railway vehicle.

ID	SPRM-1835
old ID	AP-STFall_SH_Infr
Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident

Accidents to persons: Fall (incl. slip, trip) to level of standing height in railway infrastructure from railway vehicle to (station) platform and / or (station) platform to railway vehicle

Persons slip, trip or fall to level of standing height in railway infrastructure from railway vehicle to (station) platform and / or (station) platform to railway vehicle.

ID	SPRM-1836
old ID	AP-STFall_SH_RS2Infr
Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident



Accidents to persons: Fall from greater than standing height from a high point within railway vehicle

Persons slip, trip, fall from greater than standing height from within railway vehicle (e.g. doubledeck railway vehicle).

ID	SPRM-1837
old ID	AP-STFall_GtSH_HighP_RV
Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident



Accidents to persons: Fall from greater than standing height from a high point within railway infrastructure

Persons slip, trip, fall from greater than standing height from stationary point within railway infrastructure (e.g. bridge, from within station from one floor to another).

ID	SPRM-1838
old ID	AP-STFall_GtSH_HighP_Infr
Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident



Accidents to persons: Fall from greater than standing height from station platform to track

Persons slip, trip, fall from greater than standing height from station platform to track.

ID	SPRM-1839
old ID	AP-STFall_GtSH_HighP_SP2T
Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident



Accidents to persons: Fall from greater than standing height from railway vehicle to track

Persons slip, trip, fall from greater than standing height from railway vehicle to track.

ID	SPRM-1840
old ID	AP-STFall_GtSH_HighP_RV2T
Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident

Accidents to persons: Fall from greater than standing height from a railway vehicle to (station) platform



Persons slip, trip, fall from greater than standing height from railway vehicle to (station) platform (e.g. passenger exchange, where station platform is located much more below level of exit level of railway vehicle).

ID	SPRM-1841
old ID	AP-STFall_GtSH_RS2Inf_RSPFH
Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident

Accidents to persons: Fall from greater than standing height from a railway vehicle to track environment



Persons slip, trip, fall from greater than standing height from railway vehicle to track environment (e.g. in case of evacuation or missing (station) platform).

ID	SPRM-1842
old ID	AP-STFall_GtSH_RS2Inf_RSPFH

Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident



Accident to persons: Fall from greater than standing height into gap between platform and railway vehicle

Persons slip, trip, fall from greater than standing height into gap between (station) platform and railway vehicle.

ID	SPRM-1843
old ID	AP-STFall_GtSH_Gap
Linked Work Items	has parent :  SPRM-1833 - Accidents to persons due to slip, trip, falling
Type	 Accident



Accident to persons: Deafening

Loss of hearing capacity (pressure variation, too loud sound).

ID	SPRM-1844
old ID	AP-Deaf
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident
Type	 Accident



Accident to persons: Dehydration

High water loss in the human body without sufficient compensation through fluid intake.

ID	SPRM-1845
old ID	AP-Dehy
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident
Type	 Accident

Accident to persons: Cut





Injury by cut due to contact with sharp surfaces.

ID	SPRM-1846
old ID	AP-Cut
Linked Work Items	has parent :  SPRM-97 - [A0] Other accident
Type	 Accident

[A0.0] Other







Any other accident falling within the category 'other accident', but not covered by the subcategories above.

ID	SPRM-101
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old ID	CSM-ALSP A0.0;
Linked Work Items	is branched from :   SPPRAMSS-5785 - [A0.0] Other : 481524 has parent :  SPRM-97 - [A0] Other accident
Type	 Accident





[A6] Suicides and attempted suicides

A suicide or attempted suicide falling within the A.6 sub-categories.

ID	SPRM-102
old ID	CSM-ALSP A1 EPSF 1.1; DIRECTIVE 2004/49/EC Annex 1 (1) 1.5; EBA Suizide und Suizidversuche;
Linked Work Items	is branched from :   SPPRAMSS-5786 - [A6] Suicides and attempted suicides : 481524 has parent :  SPRM-70 - List of Accidents _ is parent of :  SPRM-103 - [A6.1] Suicide _ is parent of :  SPRM-104 - [A6.2] Attempted suicide
Type	 Accident





[A6.1] Suicide

An act to deliberately injure oneself resulting in death, as recorded and classified by the competent national authority.

ID	SPRM-103
old ID	CSM-ALSP A6.1; RSSB CHAMOIS 16; EPSF 3.1.1;
Linked Work Items	is branched from :   SPPRAMSS-5787 - [A6.1] Suicide : 481524 has parent :  SPRM-102 - [A6] Suicides and attempted suicides
Type	 Accident

[A6.2] Attempted suicide








An act to deliberately injure oneself resulting in serious injury, as recorded and classified by the competent national authority.

ID	SPRM-104
old ID	CSM-ALSP A6.2; RSSB CHAMOIS 16; EPSF 3.1.2;
Linked Work Items	is branched from :   SPPRAMSS-5788 - [A6.2] Attempted suicide : 487801 has parent :  SPRM-102 - [A6] Suicides and attempted suicides
Type	 Accident

Human Injury

Any situation in which a person (maintainer or operator staff or passenger) may be injured within the railway system.

ID	SPRM-105
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Linked Work Items	<p>is branched from :   SPPRAMSS-8373 - Human Injury : 487801</p> <p>has parent :  SPRM-70 - List of Accidents</p> <p>_is caused :  SPRM-1265 - Early authorised automatic driving state from Driver</p> <p>_is caused :  SPRM-1267 - Incorrect authorised automatic driving state from Driver</p> <p>_is caused :  SPRM-2293 -</p>
Type	 Accident

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