

«Requirement»
TrackStatus-1

id=REQ-TrackStatus-1
text=The L3 Trackside shall determine the Consolidated Track Status of the entire track within the Area of Control

«Requirement»
TrackStatus-2

id=REQ-TrackStatus-2
text=The L3 Trackside shall construct Consolidated Track Status for the complete Area of Control from the separate Track Status Areas. The algorithm for creating Consolidated Track Status shall give precedence to Occupied over Unknown

«Requirement»
TrackStatus-3

id=REQ-TrackStatus-3
text=When receiving a message from a train with the information 'Train integrity confirmed by external device' for which the area associated with the location of this train has Track Status Unknown, the L3 Trackside shall change the Track Status for that area to Occupied

«Requirement»
TrackStatus-4

id=REQ-TrackStatus-4
text=When receiving a report from a train with the information 'Train integrity confirmed by driver' for which the Track Status Area associated with the location of the train has Track Status Unknown, if configured for this, the L3 Trackside shall change the Track Status for that area to Occupied

«Requirement»
TrackStatus-5

id=REQ-TrackStatus-5
text=When receiving a position report from a train with the Min Safe Front End in an Unknown Track Status Area that can be swept, then the L3 Trackside shall reduce that Unknown Track Status Area for the part of it up to the Min Safe Front End of that train

«Requirement»
TrackStatus-17

id=REQ-TrackStatus-17
text=After receiving a position report with integrity confirmed from a train located inside an Unknown Track Status Area, following reception of new Validated Train Data, the L3 Trackside shall subtract the length of the train from the length stored for the remaining Unknown Track Status Area if the train reports an L_TRAIN which is not equal to the stored train length associated with the Unknown Track Status Area, plus or minus a tolerance

«Requirement»
TrackStatus-16

id=REQ-TrackStatus-16
text=After receiving a position report with integrity confirmed from a train located inside an Unknown Track Status Area, following reception of new Validated Train Data, the L3 Trackside shall remove the area with Track Status Unknown between the train's Max Safe Rear End and its Min Safe Front End if the train reports an L_TRAIN which is not equal to the stored train length associated with the Unknown Track Status Area, plus or minus a tolerance

«Requirement»
TrackStatus-15

id=REQ-TrackStatus-15
text=After receiving a position report with integrity confirmed from a train located inside an Unknown Track Status Area, following reception of new Validated Train Data, the L3 Trackside shall remove the Unknown Track Status Area if the train reports an L_TRAIN which is equal to the stored train length associated with the Unknown Track Status Area, plus or minus a tolerance.

«Requirement»
TrackStatus-14

id=REQ-TrackStatus-14
text=The L3 Trackside shall store and update data for all the Track Status Areas within its Area of Control in accordance with the following table:

«Requirement»
TrackStatus-13

id=REQ-TrackStatus-13
text=The L3 Trackside shall report the Track Status for all track within its Area of Control to the TMS

«Requirement»
TrackStatus-9

id=REQ-TrackStatus-9
text=If an Unknown Track Status Area is created that is in conflict with other train movements, the L3 Trackside shall react to transition the system to a safe state

«Requirement»
REQ-NormalMov

id=
text=