

# TrackStatusManagement

## Unknown

### Sweepable

### Non-Sweepable

## Occupied

[sweepable==true]

TSAoccupy() [PositionReport.integrityConfSource==ExternalDevice]

TSAoccupy() [PositionReport.integrityConfSource==Driver && accept TI from driver]

[sweepable==false]

TSAunknown() [CommunicationSession.sessionTimer==0 && train is not completely located inside an Active Shuting Area]

TSAoccupy() [TrainData.L\_TRAIN!=TrainLength (+-tolerance)] /update extent

TSAoccupy() [TrainData.L\_TRAIN==TrainLength (+-tolerance)]

releaseTSA() (from TMS) [extent>0] / snd: TSArelease() to Route manager

[conflict with other train movements]

[extent<Configurable\_Minimum\_Length && TSA does not protect the front end of a train at Start of Mission]

releaseTSA() (from TMS) [extent==0] / snd: TSArelease() to Route manager

TSAoccupy()

occupied

TSArelease() / snd: TSArelease() to Route manager

TSAunknown() [CommunicationSession.sessionTimer==0 && train is completely located inside an Active Shuting Area]

removed

go to a safe state