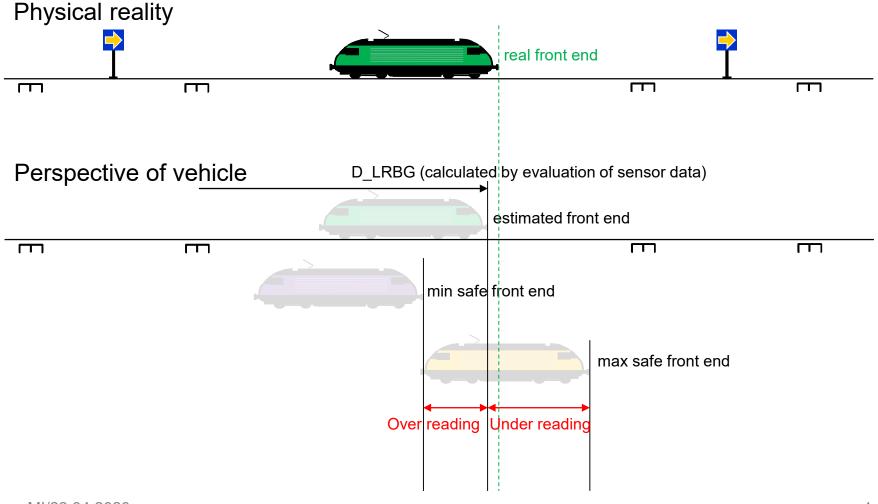
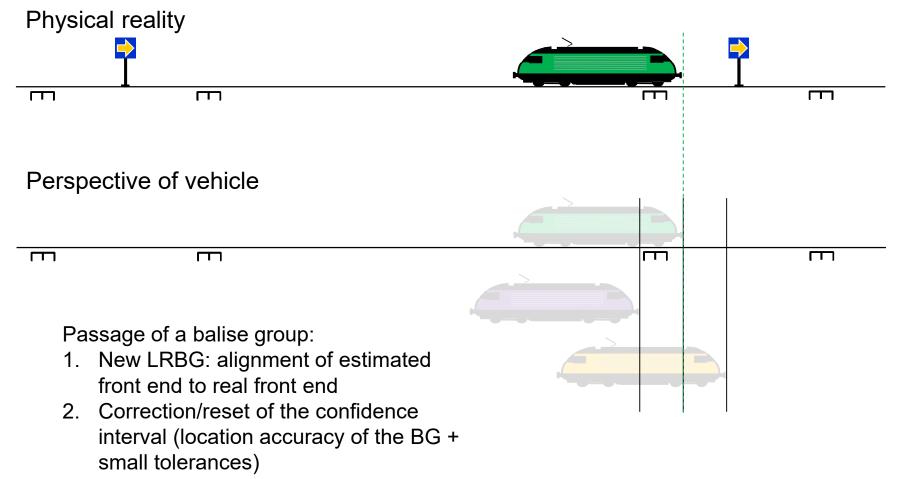
ETCS Odometry



MI/22.04.2020

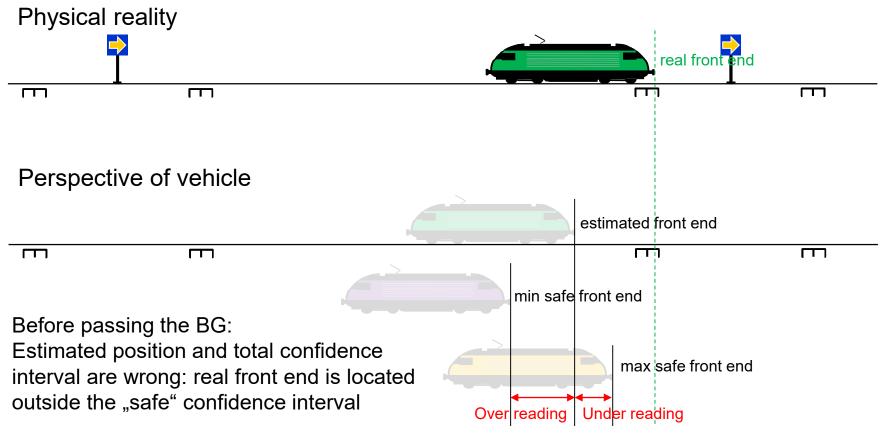
Passage of a balise group



Accurate DMI and supervision when signal corresponds to an end of authority EoA

MI/22.04.2020

Odometry fault: Real front end outside conf. interval

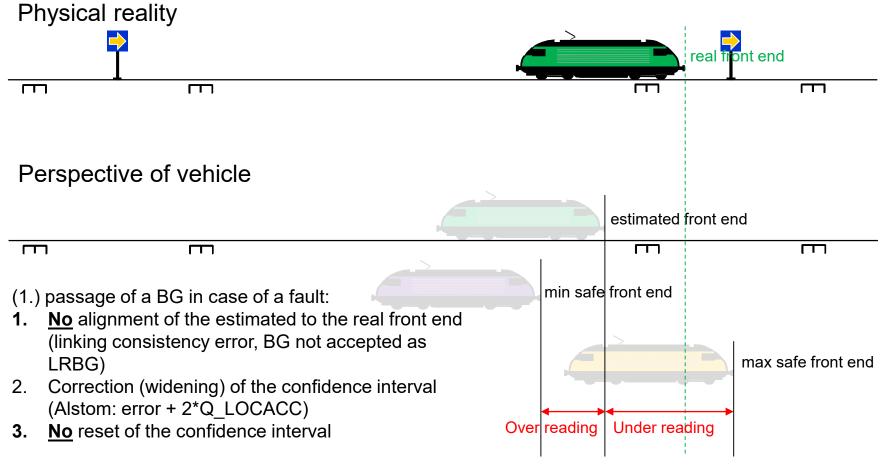


Tolerable hazard rate for ETCS onboard: ca. 10⁻⁹/h (SIL 4); SUBSET-091, V2.5

Fulfilling the requirement would roughly allow 1 event every 1000 years on L2 lines in CH Observations/Monitoring: 100+ events per year

MI/22.04.2020

Odometry fault: Passage of balise group



Supervision and timely issue of EB not possible when driver surpasses EoA in RS Danger point behind the signal is reached with high probability unless overlap is large