



Heavy Vehicle
Crash Avoidance
Project Updates

TRB ANB70 Truck & Bus Safety Committee
Summer Meeting

July 22, 2015

Electronic Stability Control (ESC)

- Final Rule published on June 23, 2015 (80 FR 36050)
- Equipment Requirement:
 - Roll Stability Control
 - Yaw Stability Control
- Performance Tests: J-Turn Test Maneuver
- Effective dates:
 - Truck Tractors: August 2017 (6x4's) or August 2019 (all others)
 - Large Buses: June 2018 (Class 8) or August 2019 (Class 7)
- Next Step: Create Test Procedure



Speed Limiters

- 2 petitions for rulemaking granted in 2011
- Draft proposed rule under review by the Office of Information and Regulatory Affairs (OIRA)



Forward Crash Avoidance and Mitigation

- Petition for rulemaking
- NTSB Special Investigation Report
- Next Steps:
 - Decide whether to grant the petition for rulemaking
 - Test next-generation systems as they become available



Field Operational Test

- Purpose: Track performance of crash avoidance systems
- Scope: 150 trucks over 1 year
- Project managed by VTTI
- Final report in 2016
- Next Step: Considering follow-on study to test next-generation systems



Vehicle-to-Vehicle (V2V) Communication

- Research Summary Report: Late 2015
- Heavy Vehicle-Specific Issue: Basic safety message for articulated vehicles
- V2V Research Docket: NHTSA-2015-0060 at www.regulations.gov
- Next step: Increased industry outreach on V2V in 2015-16



Safer Drivers. Safer Cars. Safer Roads.

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