



Submitted by the SIG R157

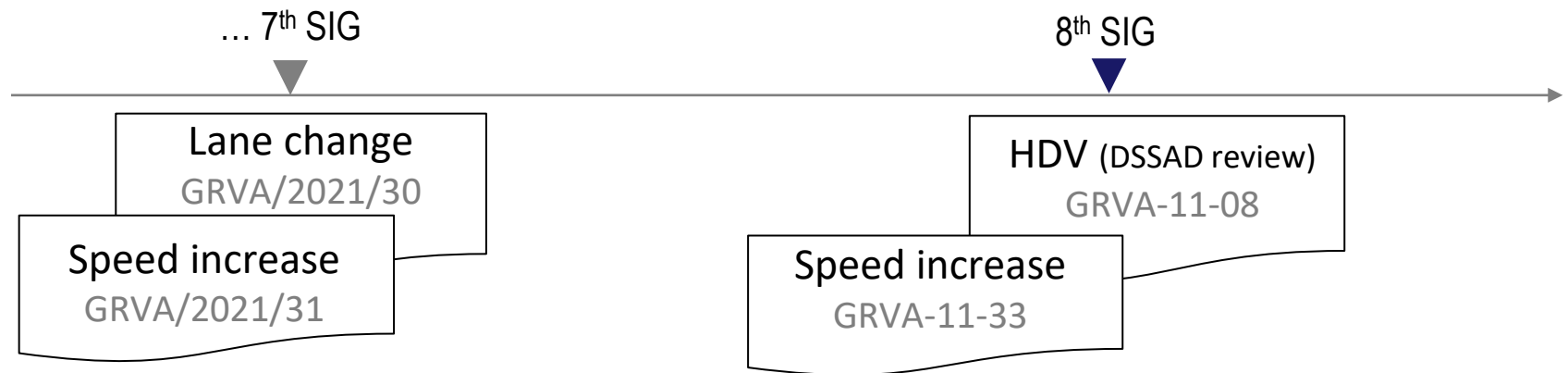
Informal document **GRVA-11-32**
11th GRVA, 27 Sept. – 1 Oct. 2021
Agenda item 4(d)

Update from the Special Interest Group on UN Regulation 157



Meetings of the group

- Eight meetings held so far



- Three more meetings scheduled in 2021 (Oct, Nov, Dec)

Goal: Finalize speed increase + lane change for GRVA-12 (Feb 2022)

Meeting documents can be found [here](#)



Items addressed by SIG on UN R157

- Higher Speeds
- Lane Change
- Clarifications
- HDV (scope extension for M and N vehicle categories)



Higher Speeds

GRVA/2021/31 + GRVA-11-XX

Group conclusions & proposed amendments:

- Following distances above 60 km/h should be in line with local traffic rules
- Provisions to ensure smooth and anticipatory driving that avoids inducing string instability
- Requirement for strategies to mitigate collisions with wrong way drivers and pedestrians (below 60km/h original requirement remain)
- Forward detection ranges along with control strategies to adapt speed if braking performance and/or detection range is impaired
- New performance model introduced for reference



Higher Speeds

UNR157-08-03

Open points of discussion:

- Requirement for lane change capability for systems operating above 60km/h
- Test and Audit requirements



Lane change

GRVA/2021/30

Open points of discussion:

- Type of lane change needed
- Parameters and requirements associated with each lane change type
- Field of view requirements
- Test and audit requirements



Cross-cutting

Areas which are still to be considered:

- Changes to the HMI and driver monitoring
- DSSAD event data
- Improvements to information document and introducing interpretation document



Clarifications

Points still under discussion:

- Active assistance systems after ALKS deactivation
- “Detectable collisions”



HDV (scope extension)

GRVA-11-08

Decision GRVA-10: *“GRVA requested the secretariat to submit ECE/TRANS/WP.29/GRVA/2021/2 as amended by GRVA-10-36 to WP.29 and AC.1 for consideration and vote at their November 2021 sessions, subject to final review by GRVA at its September 2021 session.”*



Cooperation between IWG EDR/DSSAD & SIG on UN-R 157 to review DSSAD part (para. 8.4.3.)



Outcome of exchange is to amend [WP.29/2021/143](#) with [GRVA-11-08](#)



Thank you for your attention.