

Transmitted by SG1a Leader

VMAD-11-04

Report of SG1a (Traffic Scenario) to 11th VMAD-IWG

United Nations Economic Commission for Europe (UNECE)

Working Party on Automated/Autonomous and Connected Vehicles (GRVA)

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WebEx



UNECE

Summary of 10th VMAD-IWG



SG1a reported outcome of SG1a. Following points remained unsolved.

1. How to proceed literature review
2. Identifying definitions of terms (e.g. edge case)
3. Start to develop draft inventory of functional scenarios
4. Update SG1a concept paper (issue related to “random sampling” and “3 layer concept”)

SG1a was requested to discuss again these issues. Therefore, SG1a meeting was held on 24th August. Following slides describe outcome of meeting.

Literature review



Literature review was agreed to proceed at 10th IWG.
SG1a discussed how to proceed.

SG1a agreed that

- Use table proposed by Canada
- OICA will fill the table by mid September.

Definition



During 10th IWG, there was misunderstanding of the word “edge case” and SG1a was requested to decide.

SG1a agreed that

- Definition of “edge case” and “corner case” based on Canada proposal.
- The word used by Japan has different meaning, therefore, appropriate wording is requested.

Start to develop draft inventory of functional scenarios



During 10th IWG, SG1a reported that highway use should be prioritized. SG1a was requested to discuss further.

SG1a agreed that

- SG1a will work on this item after judgement of VMAD-IWG.
- Proposal of proceeding way is requested to SG1a members.

Update SG1a concept paper



Issue regarding “random sampling (concern of overfitting to certain condition)” and “3 layers (identify scenario by classification of perception, decision making, manoeuver)” was remaining issue after 10th VMAD-IWG.

SG1a agreed that

- “Random sampling” issue is premature to discuss and wait for outcome of other SGs and FRAV.
- “3 layers” issue is premature to decide now.

Questions & Comments?

Thank you and stay safe!