**Wrap-up of the 24th VMAD IWG web-conference**

Date/Time: February 24 - 25, 2022 / 12:30 – 14:40 (CET)

Attendance: Co-chairs (Canada, Japan, NL), SG1 Leader (Japan), SG2 Leader (CLEPA), SG3 leader (JRC), SG4 Leader (CIECA, ETSC),

Canada/TC, China/CATARC, EC/JRC, Finland/T&CA, France/UTAC, Germany/BASt, KBA, Japan/MLIT, NTSEL, JASIC, Korea/KATRI, NL/RDW, Singapore/LTA, UK/DfT, VCA,

CITA, CLEPA, ETSC, ITU, OICA, SAE, SAFE (the number of participants, Day 1: 70, Day 2: 57）

* Co-chair/Japan chaired the web-conference.

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| **Agenda item** | **Action item, special notes, etc.** |
| 2. Adoption of the agenda | The provisional agenda (VMAD-24-02-rev.2) was adopted without any modifications. |
| 3. Adoption of the report | The report of the previous session (VMAD-24-01) was adopted without any modifications. |
| 4. Update from SubgroupsSubgroup report-SG1: VMAD-24-05-SG3: VMAD-24-06 | Subgroup Leaders reported on their recent activities.SG1 Leader reported using VMAD-24-05. * Three outstanding issues remain.
1. Scenario catalogue update,
2. The way how to maintain scenario catalogue, and
3. Defining template (incl. abstract scenario).
* Review of the WP.29 draft guidelines; further explanation added to footnote 3 “definition of scenario categories” under paragraph 27.

SG2 Leader reported as follows.* Review of the WP.29 draft guidelines; no major technical changes were made. Appendices were deleted.

SG3 Leader reported using VMAD-24-06. * Outstanding Issues:
1. SAFETY ASSESSMENT: inclusion/exclusion of information provisions for users (item I in Annex IV)
2. ISMR: Data elements vs occurrences, ISMR roles and responsibilities, Pending exchange with GRVA/WP29 (Reporting from other sources than the ADS manufacturers, Technical Workshop on in-use safety etc.)
* Next Steps: SG3 meetings every two weeks
* Japan questioned the urgency of the outstanding issues. ISMR is important but seems to be mid-to-long term issues. The frequency of the meetings should be reconsidered if it is not so urgent.
* SG3 Leader responded that SG3 was in a hurry in order to incorporate general recommendations on ISMR in NATM Guidelines to be submitted to WP.29 at its June session.

SG4 Leader reported as follows.* Review of the WP.29 draft guidelines; Some wording changes only.
* Collaboration with FRAV and SG1 would be necessary for SG4 to make further progress.
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| 5. Consideration of the NATM GuidelinesVMAD-24-03-rev.3 | SG1:* further explanation added to footnote 3 “definition of scenario categories” under paragraph 27 was agreed.
* Slight modification to definition “Functional Scenario” in Annex I was agreed.

SG2:* All the proposed changes to Chapter VI and Annex III (only for clarification and wording improvements) were agreed.

SG3:* Proposed changes including moving three Annexes on “Audit of the safety design concept of ADS”, “Requirements for Audit of the manufacture safety management system for ADS”, and “Requirements for ISMR for ADS” of NATM Master Document to main text (Chapters IX and X) of NATM Guidelines were agreed.
* The text on outstanding issues are in progress. SG3 plans to submit the remaining text to VMAD IWG at its April session.

SG4:* All the proposed changes to Chapters VII, VIII, and Annex V (only wording improvements) were agreed.

Other: Chapters XI and XII:* Slight modification of paragraph 129 (deletion of the number of high level safety requirements) was agreed.
* During the meeting the scope of “safety” was rephrased based on the input of a small drafting group

**Agreement 1**: It was agreed to submit NATM Guidelines (VMAD-24-03-rev.3) to GRVA at its May session as a formal document. |
| 6. Collaboration between FRAV and VMAD | State of play:* Step 1: FRAV is to work out which of the safety requirements would apply to Lane-keeping scenario. VMAD is still waiting for a response from FRAV.
* Step 2: VMAD is to come up with measures to assess safety requirements applied to Lane-keeping scenario using multi-pillars.
* CLEPA and SAE introduced FRAV-25-11 and FRAV-25-08 respectively in this regard asking VMAD IWG members to review these documents.
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| 7. Way forward | * Revised NATM Guideline as a formal document is submitted to GRVA for its May session with the objective to have it available for the June WP29 as an informal document.
* The 2nd iteration of the Master Document NATM is sent by GRVA as an informal document to the March WP29 with the objective to have it at the June WP29 meeting as a formal document
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| 8. Future meetings | Proposed future meetings- The 25th session on April 12 – 13, (virtual)- The 26th session on May 17 - 18 |