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| Transmitted by the expert from EC and CLEPA for VMAD SG2 |  |

**Meeting of the VMAD SG2 on Virtual/Simulation Testing**

Date/Time: 23 December 2020. 13:00-14:00 (CEST)

Attendance: SG2 chairs (EC, CLEPA), SG2 Members (~30 attendees)

Documents shared during the meeting. *2020\_12\_23\_VMAD-SG2.pptx*

**Summary**

* Final output from the subgroup was agreed and the document will be submitted to the VMAD co-chairs.
* The group will continue to work on the outstanding issues until the next VMAD session.

**Minutes**

EC thanked stakeholders for participation over the last few months.

Three sections were removed from the initial document to ensure agreement at VMAD 16 and GRVA 09. i.e.

* Methods for validating virtual testing tools,
* Documentation provided by the manufacturer,
* Steps before 3rd party hosting of tools.

The objective of the meeting is to finalize the current version of the document

The group will continue to work the 3 remaining sections over January with the intention to still present a draft at VMAD 16. The aim for 2021 is to complete each of those sections.

The group reviewed the version of the document with tracked changes and comments from stakeholders.

AAPC: There is a still a need to make the wording neutral to both 58A and 98A.

EC: Agreed, this needs to be done for the entire Master Document.

EC: There is a new chapter on how the assessment methods are applied to the functional requirements as requested by GRVA 08.

SAFE: it could be beneficial to have different terminology for ‘validation of ADS’ and ‘validation of toolchains’

Japan and SAE supported SAFE’s comments.

EC agreed that this could be useful, and the group will review this again in the 2nd step when validation of the toolchain is described in more detail.

UK: it is not clear if the definitions are referring to virtual testing used for development of validation.

CLEPA: This will be clearer when the chapter is embedded into the Master Document.

Other comments from stakeholders when addressed and accepted by the subgroup.

The final version of the document was agreed by the subgroup.

**Action points**

* (Biagio/EC and Barnaby/CLEPA) send final output to VMAD co-chairs
* (Barnaby/CLEPA and Tobias/AVL) prepare an example of a virtual testing toolchain for the next meeting in January.

**Next meeting**

* Time: 13th January 2021, 13:00 - 14:00 CET
* Venue: Webex (https://ecwacs.webex.com/meet/bciuffo)