

Meeting Date/Time: 31.10.2023 / 16:00

Participants : Fraunhofer SCAI, Hagen Stiftung, Swerim, University of Patras

Agenda:

1. SCAI: Presentation on storage of Ultrasonic Guided Waves (time series data) in VMAP
Andre presented the slides on how to store time series data which involves more than 46k points and high frequency output.
Each time step is represented as a state in VMAP
Size comparison doesn't show much difference between the original hdf5 format of the file and the VMAP format.
Next version of VMAP will have a compression switch. Planned for December
Since, there was no representation from DLR, feedback will be collected in the next meeting.
2. SCAI: Presentation on storage of sensor data
Andre presented the implementation of the workflow built by Victor in VMAP format
Some basic discussions about this format showed that it could be a plausible idea.
Further use cases need to be tested to verify and extend the workflow, if needed
3. SCAI Presentation on VMAP measurement data storage
Victor has made some basic updates to the workflow
2 different use cases were represented using the workflow – collection of data via camera, sensor data collection
4. Swerim: Presentation on the steel use case
Furnace modelling use case will be used to check the measurement data storage workflow
The use case doesn't have all the information
Siva will catalogue the data and discuss this further with SCAI
5. Next Meeting 28 November 2023
Swerim: check if and how the steel use case can fit into the VMAP measurement data workflow
SCAI: Prepare documentation on the current status of measurement data storage