VTS56-8.3.2

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Input paper for the following Committee(s): check as appropriate Purpose of paper:

**□** ARM **□** ENG **□** PAP **□** Input

**□** ENAV **X** VTS **X** Information

Agenda item 8.3

Technical Domain / Task Number 2 1.3.1

Author(s) / Submitter(s) Intersessional Group 1.3.1

# information on intersessional meeting by Task 1.3.1 Develop guidance on VTS digital communications (operational aspects)

# background

During VTS 55 it was decided that an intersessional meeting was needed to further develop the Guideline and to further cooperate with the different technical working groups [TG2.5.2, TG2.8.1] working with the technical specifications for some of the services that together with other means will enable VTS digital communication. Hence members from TG 2.5.2 and TG2.8.1 also was invited.   
The intersessional meeting was held in OSLO 26th and 27th of June 2024.

# Discussion

The focus for the intersessional meeting were to continue to define and revise the use cases, look into the overall layout of the document, complement the IALA dictionary with definitions that are related to the TGs work and to provide input to upcoming IEC TC80 WG17 work on S-421 [IEC 63173-1:2021 route plan].

The meeting had specifically invited people from IALA TG 2.5.2 *Develop technical service description for digital data exchange between VTS and other* entities – primarily ships and 2.8.1 *Develop a Product Specification S-212* *for VTS under the S-100* framework to get interaction between technical and operational working groups.

Main outputs from the intersessional meeting were:

* Update the overall document in accordance to the task description
* Created a definition to “Route in the VTS [IALA] context” to be sent as input to the IALA dictionary
* Finalised the use cases for Traffic clearance Service
* Worked futher on the Route Exchange Service & Route cross check use cases
* Prepared input to upcoming IEC TC80 WG17 meeting taking place October -24, More work is needed, scheduled to take place during IALA VTS56
* Cooperation with the technical TGs is crucial, not only to create understanding of the technical limitations but also to make the technical task groups aware of the actual envisioned operational procedures

The working group also reflected on a couple for subjects that is of relevance for upcoming work, which might not be taken care of elsewhere.

* + A VTS [possible also ROC, Port controls and others] and ECDIS/INS actors interaction arena is probably needed. Even if this is discussed in different groups and formations the discussion is mainly technical on API, Carrier, data formats and standardisation level. The operational aspect of the upcoming interaction is often missing and the procedures on the foreseen increasing Shore Ship Shore digital interaction need input and development not only from the VTS domain.
  + How the orchestration of the usage of connected services should be done. This probably have to be described in the guideline on VTS digital communication being developed in TG1.3.1. But at the moment there is no competence in that TG to begin that work, the TG need input from the different technical task groups and do this description in close cooperation.

Participants at the meeting was:

| **Name** | **Affiliation** |
| --- | --- |
| Fredrik Karlsson | SMA |
| Bjørn Coster | KNC |
| ESA Kallio | Fintraffic |
| Maiju Kaski | Fintraffic |
| Juho Pitkanen | Fintraffic |
| Ramin Miraftabi | Fintraffic |
| Richard Aase | NCA |
| Mikael Strandberg | DMA |
| Malin Dreijer | NCA |

# Action requested of the Committee

**The Committee** is requested to:

* Note the work done and reflect on the 2 bullets regarding interaction arena and the service orchestration of future services.