

From: William.R.Cairns@uscg.mil [<mailto:William.R.Cairns@uscg.mil>]

Sent: 17 October 2013 15:45

To: Michael Card; Nick Ward

Subject: PAP Strategy docs reviewed

Mike, Nick,

The e-NAV portion of the Technical Committee structure (copied below) seems to fit fairly well with our existing Committee WGs.

TD#1 is mostly aimed at the Data Modelling WG with some Arch WG elements (MSPs)

TD#2 is essentially Comms/AIS (but we should call it ONLY Comms for the next 4-yr period).

TD#3 is predominantly PNT WG, but here again we see an Arch WG element. I am not sure whether Virtual AtoN should be included here or in TD#2. What is the rationale for it here?

TD#4 is the sticky wicket methinks. Ideally, our Testbed WG takes on these tasks without creating an OPS WG (OK, this is a "personal" perspective and I stand to be corrected.) VTS beyond territorial sea may be problematic in that VTS expertise has been virtually non-existent in the e-NAV Committee (at least within the OPS WG). And STM still causes me to start shaking!

As Mike and I discussed following e-NAV14, I understand that TD's do not necessarily relate to WGs 1-to-1. So, looking forward, I would see e-NAV WGs as:

1. Testbeds and Future Sea Navigation Services 2. Shore infrastructure/PNT 3. Comms 4. Arch/MSPs (incl. IMO e-NAV liaison?)

Comments on the Strategic Vision in a separate email.

Cheers,

TD#1 - Data modelling and message systems

- AtoN data information structure, exchange, presentation

- S-100 registry and Product Specifications

- Message structure for e-Nav including VDES

- Maritime Service Portfolios, design and content

TD#2 - e-Navigation communications

- VDES, satellite, WRC

- AIS technology

- ASM coordination and web hosting

- ITU planning and liaison, WRC preparation and national coordination

TD#3 - Shore technical infrastructure

- Shore infrastructure design

- e-Navigation architecture

- Resilient PNT shore services - DGPS, e-Loran, other

- Virtual AtoN technology

- Sharing of shore data, IALA-NET, etc.

TD#4 - Future sea navigation services

- Data gathering and analysis

- Participation in and harmonisation of results of test beds

- Harmonisation policy and planning

- Sea traffic operations, and VTS beyond territorial limits

- Monitoring of developments nationally and regionally, and effect on competent authorities

- Maintaining advice to IALA membership

- Proposing draft IALA policy and draft standards

Bill Cairns, FRIN

Senior Technical Advisor

Commandant (CG-NAV) USCG

Chairman, IALA e-NAV Committee
William.R.Cairns@uscg.mil
V: 1-202-372-1557
F: 1-202-372-1930