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| From: ENAV Committee | VTS40-3.1.4 (ENAV16-14.1.2) |
| To: VTS Committee | 23 April 2015 |

Liaison Note

Development of Maritime Service Portfolios (MSPs) for VTS

# Introduction

In December 2014 the IMO Maritime Safety Comittee at its 94th session (MSC94) approved the Strategy Implementation Plan (SIP) for e-Navigation.

The approved SIP for e-Navigation identified 5 prioritised (sub)solutions to start with as well as 6 areas for the delivery of Maritime Service Portfolios (MSPs). It is foreseen that specifically in 3 areas of operations VTS in future may provide MSPs under e-Navigation.

Taking into account that worldwide, regional, national and local circumstances as well as the organisation and provision of VTS may differ, it is foreseen that 11 out of 16 MSPs may affect future VTS operations directly or indirectly, depending on user needs (see the Annex to this liaison note for relevant information).

# Considerations

In accordance with the strategy vision for 2014-2026, IALA’s Goal 1 (G1) and its related strategies

G1-S2 and G1-S3, as approved by the General Assembly in May 2014, the e-Navigation Committee is tasked with the development of e-navigation shorebased aspects as well as to coordinate relevant work and expertise with the other IALA Committees.

The e-Navigation Committee in its Work Programme 2014-2018 included task 5.1.1 - *“Develop Guideline/Recommendation on Maritime Service Portfolios”.*

It is noted that The VTS Committee in its Work Programme 2014-2018 included task 1.1.4 *-“Produce a Guideline on Maritime Service Portfolios for VTS”.*

It is also noted that the VTS Committee in its *draft Strategy Paper on the future delivery of VTS in a rapidly changing maritime domain, Annex A,* includedrelevant goals and strategies identifying the relationship between e-Navigation and VTS.

# Proposed plan of work and cooperation between the ENAV and VTS Committees on MSPs

According to the definition as provided in the overall e-Navigation Architecture (as approved by IMO) a Maritime Service Portfolio consists of a combination of functional/operational and technical aspects.

It is clear that for the development of the MSPs for VTS the expertise and contribution of IALA members in the VTS Committee is needed and essential. Therefore the ENAV Committee seeks strong cooperation with the VTS Committee in this matter.

With the aim to harmonise IALA’s work related to e-Navigation between both Committees and to enhance the inter-Committee communication it is proposed to:

* Prioritize the development of the VTS related MSPs, starting with the primary services of VTS (INS, NAS and TOS);
* Establish a joint intersessional drafting Group between both Committees consisting of relevant members of both Committees;
* Identify a proper and efficient communication procedure between the Committees.

# Actions requested

* The Secretariat is requested to forward this liaison note to the VTS Committee.
* The Chairman of the VTS Committee is requested to discuss this proposal with the Chairman of the ENAV Committee during PAP with a view to agreeing the way forward.

ANNEX Relevant abstract of SIP issues in relation to VTS

The SIP for e-Navigation identified:

* In total 28 potential (sub)solutions, of which 5 are prioritiSed to start with:
  + S1: Improved, harmonized and user-friendly bridge design;
  + S2: Means for standardized and automated reporting;
  + S3: Improved reliability, resilience and integrity of bridge equipment and navigation information;
  + S4: Integration and presentation of available information in graphical displays received via  
     communication equipment; and
  + S9: Improved Communication of VTS Service Portfolio (not limited to VTS stations).
* 6 areas for the delivery of Maritime Service Portfolio’s (MSPs):
  + Port areas and approaches;
  + Coastal and confined or restricted waters;
  + Open sea and open areas;
  + Areas with offshore operations and/or infrastructure developments;
  + Polar areas; and
  + Other remote areas.

It is assummed that in all areas of operations, VTS could provide MSPs under e-Navigation.

* a list of 16 proposed Maritime Service Portfolio’s:
  + (MSP 1) VTS Information Service (INS);
  + (MSP 2) VTS Navigation Assistance Service (NAS);
  + (MSP 3) VTS Traffic Organization Service (TOS);
  + (MSP 4) Local Port Service (LPS);
  + (MSP 5) Maritime Safety Information (MSI) service;
  + (MSP 6) Pilotage service;
  + (MSP 7) Tugs service;
  + (MSP 8) Vessel Shore Reporting;
  + (MSP 9) Telemedical Maritime Assistance Service (TMAS);
  + (MSP 10) Maritime Assistance Service (MAS);
  + (MSP 11) Nautical chart service;
  + (MSP 12) Nautical publications service;
  + (MSP 13) Ice navigation service;
  + (MSP 14) Meteorological information service;
  + (MSP 15) Real-time hydrographic and environmental information services
  + (MSP 16) Search and Rescue (SAR) Service.

Taking into account that worldwide, regional, national and local circumstances and the current organization and provision of VTS may differ, it is foreseen that the MSPs 1, 2, 3, 4, 5, 8, 10, 11, 13, 14, 15 and 16 may affect directly or indirectly future VTS operations.