

## Status of work on the Maritime Service Portfolios (MSPs)

### IMO

IMO MSC 94 approved the principle of the Maritime Service Portfolios as a way of supporting the agreed e-navigation Solution 5; improved communication of VTS service portfolios.

IMO MSC 96 approved a new output on e-navigation to define and harmonize the format and structure of MSPs and to provide guidance on the appropriate communication channels used for the electronic exchange of information between shore and ship, including any necessary coordination mechanisms and transitional arrangements that may be required, and agreed to include in the post-biennial agenda of the Committee an output to "Develop guidance on definition and harmonization of the format and structure of Maritime Service Portfolios (MSPs)", with two sessions needed to complete the item, assigning the NCSR Sub-Committee as the coordinating organ.

MSC also expressed appreciation to IALA who wished to contribute to the work of coordinating the MSP Guidelines.

MSC agreed that the IMO-IHO Harmonization Group on Data Modelling should also work on the MSP task and invited IHO to submit a proposal to the committee to activate this dormant committee

### IALA

IALA recognised the importance of this work especially from the VTS point of view and held a workshop in Lisbon in May this year on the subject of the Shore-based Maritime Services from Theory to Practical Use.

The workshop generated seven conclusions.

1. The draft IALA Guideline on MSPs should be coordinated with other relevant international organisations and be proposed as a starting point to develop IMO guidelines supporting the output on MSPs agreed at MSC96.
2. IALA should participate in the IMO-IHO Harmonization Group on Data Modelling (HGDM), using as a baseline IHOs S-100 standard framework to harmonise and standardise formats for the collection, exchange and distribution of data, processes and procedures for the collection and development of open standard interfaces.
3. IALA should define the format and structure for those MSPs within the remit of IALA, engaging with other organisations as required. Development of some other MSPs will require IALA to engage with the responsible authorities / service definition owners.
4. The current list of 16 MSPs requires further refinement and should not be seen as the definitive/ finalised list of MSPs.
5. Phased implementation should be used to further develop and implement MSPs, with the first phase being based on existing technology and systems and the second phase being introduction of additional equipment based on benefit rather than mandate.
6. Security, including shipborne, cyber and shore-side, should be taken into account in the development and deployment of MSPs.

7. Product specification developers across all domains should promulgate draft and completed S-100 product specifications to make them available from a single location on the S-100 GI registry on the IHO web site.

The workshop further developed the draft IALA Guideline on MSPs and prepared a revised template of the matrix for development of MSPs related to VTS. The workshop discussed and defined responsible organisations and contributors / users that should contribute to the development and practical implementation of MSPs.

The workshop was successful and a roadmap, methodology and a further draft were completed for submission to IALA ENAV-19

### **IALA GUIDELINES**

At IALA ENAV-19 further work was continued on the Draft Guidelines especially the introduction and the layout format agreed in principle at the Lisbon Workshop. A copy of this work has been sent to IHO for co-ordination and approval purposes.

Further inputs from other organisations will be incorporated into the draft before IALA ENAV-20