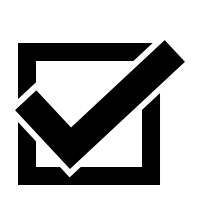
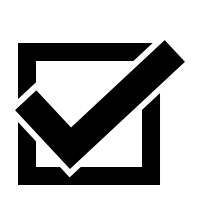
ENAV21-12.8

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

**□** ARM **□** ENG **□** PAP  Input

 ENAV **□** VTS **□** Information

Agenda item [[1]](#footnote-1) 12

Technical Domain / Task Number 2 …………………………………

Author(s) / Submitter(s) ENAV Committee WG4

MSP 8 Vessel Shore Reporting Service

# Summary

This paper is the next version (V4.2) of the draft of an IALA Guideline on MSP8 Vessel Shore Reporting Service (VSRS). The aim of VSRS is to minimize the reporting workload on mariners and shore-based authorities. The Guideline includes a recommendation for IALA to establish a Ship Report Template Registry as well as a proposal for the structure of the part of the Common Maritime Data Structure (CMDS) database that will support generation of ship reports. Both are needed to automate the generation of reports. This structure is expressed in objects, features, attributes and sub-attributes in accordance with [IALA Guideline 1088 "INTRODUCTION TO PREPARING S-100 PRODUCT SPECIFICATIONS"](http://www.iala-aism.org/product/introduction-to-preparing-s-100-product-specifications-1088/)?

The Ship Report Template Registry and the CMDS database structure will enable industry to develop, test, market and maintain Information and Communications Technology (ICT) tools that will significantly reduce the reporting workload and enable shipboard and shore-based users to collaborate on generation and submittal of ship reports. The CMDS database structure will also enable shore-based authorities to automate transferral of ship reporting information to their enforcement systems.

## Purpose of the document

The purpose of the document and its Annexes is for WG1 and WG4 to progress the draft IALA Guideline during ENAV21 to the point that it can be submitted for review by the ENAV Committee.

## Related documents

### [DRAFT E-NAVIGATION STRATEGY IMPLEMENTATION PLAN](http://www.imo.org/en/OurWork/Safety/Navigation/Documents/enavigation/SIP.pdf) (IMO SIP NCSR1/28 Annex 7 Page 31)

### [IALA Guideline 1088 "INTRODUCTION TO PREPARING S-100 PRODUCT SPECIFICATIONS"](http://www.iala-aism.org/product/introduction-to-preparing-s-100-product-specifications-1088/)

### ENAV21-12.8.1 Draft IALA Guideline on MSP8 Vessel Shore Reporting v4.2 and its annexes ENAV21-12.8.2 to ENAV21-12.8.5.

### For security reasons it is not possible to upload ENAV21-12.8.4 and ENAV21-12.8.5 to the website. These have been uploaded to the ENAV File Share under Input papers, http://www.iala-aism.org/file-sharing/ws-committees/ENAV/Input%20papers.

# Background

The objective of this IALA Guideline is to support IMO in establishing information repositories that will enable industry to develop automated VSRS solutions. Such solutions need to address shore-based authorities’ reporting requirements. IALA is well positioned to represent shore-based authorities since most competent authorities, including VTS authorities, are IALA National Members.

# Discussion

Please refer to the attached documents:

1. [Draft IALA Guideline on MSP8 Vessel Shore Reporting v4.2](https://www.dropbox.com/s/ev8jh9i80m272w2/Draft%20IALA%20Guideline%20on%20MSP8%20Vessel%20Shore%20Reporting%20v4.1%20%28Guideline%20Format%29.docx?dl=0)
2. Ship Report Template V1.2
3. Ship Reporting Data Model Attribute Specification v3.0.xlsx and its equivalent XSD file “ShipReportFeatureXSD\_2017.xsd”
4. CMDS v1.1 and its equivalent XSD File “CMDSShipReport-DGUpdated-20thJune17 (1).xsd”

# Action requested of the Committee

The ENAV Committee is requested to:

1. Note the status of the Draft Guideline on MSP8 Vessel Shore Reporting Service
2. Comment on the draft. Comments should be sent to Fred Pot ([fpot@enavsolutions.org](mailto:fpot@enavsolutions.org)), Project Coordinator by Monday September 18th.
3. Progress the Guideline during ENAV21

1. Input papers should be assigned to a work task as listed in the Committee work plan which is available in input papers. Leave open if uncertain but consider how the paper is to be processed if not relevant to a work task [↑](#footnote-ref-1)