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

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

**x** ENAV **□** VTS **□** Information

Agenda item [[2]](#footnote-2) 11

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

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Future Digital Communications - Report

# Summary

This document has been prepared as part of IALA’s contribution to the EU funded Horizon 2020 EfficienSea 2 Project. It is intended to provide a basis for discussion on creating a Future Digital Communications Strategy, building on the IALA Marine Radio Communications Plan.

## Purpose of the document

The Committee is invited to consider the contents of this document in preparing a Future Digital Communications Strategy.

## Related documents

ENAV20-11.12.1 D1.11 E2 Report on Future Digital Communications - Strategy supporting document.

# Background

This draft report has been prepared as part of IALA’s contribution to the EfficienSea 2 project. It draws on a study, originally prepared for the GLA and submitted to an earlier ENAV meeting.

# Discussion

Digital Communications in the Maritime Environment identifies communications to support maritime activities, noting the requirements identified through work carried out by various international organisations in the development of the IMO e-Navigation strategy implementation plan (SIP). This document provides detail on the requirements; candidate solutions; and proposed suitability for the solutions to address the requirements.

This document is intended to guide the future development and implementation of e-Navigation solutions ashore and afloat. It will be reviewed and revised as technology develops and requirements change, with the overall focus on addressing the prioritized communications solutions (S2, S4, and S9) within the framework of the RCOs as identified through the IMO e-Navigation development process.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. 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-2)