VTS46-3.2.2

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

**X** ARM **X** ENG □ PAP **X** Input

**□** ENAV **X** VTS **□** Information

Agenda item [[1]](#footnote-1) (from agenda) 3

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

Working Group WG 3 …………………………

Author(s) / Submitter(s) ENAV Committee WG3

Liaison note to the IALA Secretariat

Emerging digital technologies

# Summary

The newly-formed working group (WG 3) of the ENAV Committee will deal with emerging digital technologies. To progress this work, the ENAV Committee requests the Secretariat to inform the IALA membership of the group’s work and seek input from them and the readership of the *IALA Bulletin*.

The IALA Secretariat is requested to carry out the two actions described below in paras 2 and 3.

## Related documents

ENAV22-11.4 Terms of Reference

ENAV22-12.2.1 the assessment template

# MESSAGE from the CHAIR OF THE IALA ENAV COMMITTEE TO THE IALA MEMBERSHIP

The IALA Secretariat is requested to communicate the following (draft text below) to all IALA Committees and all IALA National, Associate and Industrial Members in this regard.

*Dear IALA Member*

*The development of digital technologies continues to be rapid. It impacts almost all aspects of the maritime industry, including maritime communications, aids to navigation and VTS.*

*As you may know, this month, the four IALA technical committees commenced their 2018-22 work programme. Noting the above, a new working group, named Emerging Digital Technologies has been established within the ENAV Committee.*

*The aim of the group is to conduct high level, preliminary, desktop evaluations of emerging digital technologies, assessing them for suitability for the provision of e-navigation systems and services. Such studies will assess their key features, capabilities, advantages/disadvantages, limitations and applicability to aids to navigation, VTS and e-navigation services and systems. This preliminary assessment and recommendation will be provided to the relevant committee/working group for their consideration for adoption.*

*To assist the work of the group, IALA members are requested to communicate details of any new or emerging digital technologies that they may be developing or are aware of. Additionally, the provision of contact details of a relevant subject matter expert, will be appreciated.*

*If you have any questions or queries, please contact IALA Secretariat committees@iala-aism.org.*

*Thanks etc.*

# INFORMATION IN THE IALA BULLETIN

The IALA Secretariat is requested to publish an information box in the next edition of the *IALA Bulletin* (draft text below), so that the message is communicated to the periodical’s audience.

**Evaluating emerging digital technologies**

The development of digital technologies continues to be rapid. It impacts almost all aspects of the maritime industry, including maritime communications, aids to navigation and VTS.

The four IALA technical committees have commenced their 2018-22 work programme. Noting the above, a new working group, named Emerging Digital Technologies has been established within the ENAV Committee.

The aim of the group is to evaluate emerging digital technologies, assessing them for suitability for the provision of e-navigation systems and services. The group will conduct preliminary, high level, desktop studies of emerging new technologies. Such studies will identify their key features, capabilities, advantages/disadvantages, limitations and applicability to aids to navigation, VTS and e-navigation services and systems.

All readers are invited to contribute a description of any new or emerging digital technologies that they may be developing or are aware of. Additionally, the provision of contact details of a subject matter expert, will be appreciated.

If you have any questions or queries, please contact *committees@iala-aism.org.*

# Action requested of the IALA SECRETARIAT

The IALA Secretariat is requested to progress the actions in paragraphs 2 and 3

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1. [↑](#footnote-ref-1)