



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

☐ ARM ☐ ENG ☐ PAP
☒ ENAV ☐ VTS

Purpose of paper:

☒ Input
☐ Information

Agenda item ¹

2

Technical Domain / Task Number

Author(s) / Submitter(s) IALA Secretariat

Action Items from ENAV28

The action items listed below are extracted from the report of ENAV28.

Action Items for the Secretariat

1. The **IALA Secretariat** is requested to submit the working paper ENAV28-12.1.3 Draft Technical service specification for the provisioning of AtoN information to end-users using the S-125 data model as an input paper to ENAV29.
2. The **IALA Secretariat** is requested to forward the input papers ENAV28-5.1.1.4 and ENAV28-5.2.12 to the IALA cyber security workshop as a resource document.
3. The **IALA Secretariat** is requested to forward ENAV28-12.1.2 Liaison Note to PAP: Proposal of remote control and monitoring service as a new Maritime Service (MS) in the context of e-Navigation to PAP.
4. The **IALA Secretariat** is requested to submit the Revision of Guideline 1128 on the specification of e-Navigation technical services (ENAV28-12.1.1) to the Council for approval.
5. The **IALA Secretariat** is requested to forward the working documents on the review of the passive and active GNSS antenna systems and the Orolia SecureSync and M-SecureSync (ENAV28-12.2.2) to ENAV29.
6. The **IALA Secretariat** is requested to forward any input received on developments within other IALA Committees on the internet of things to ENAV29 for further consideration.
7. The **IALA Secretariat** is requested to forward the draft IALA Maritime Communications Manual (ENAV28- 12.2.3) to ENAV29.
8. The **IALA Secretariat** is requested to continue the liaison with 3GPP and provide an update on the work at the IMO on IMT to ENAV29.
9. The **IALA Secretariat** is requested to send the draft IALA liaison to IMO-ITU Expert Group 18 (2022) to 3GPP TSG SA via H. Koo, liaison for 3GPP/IALA.
10. The **IALA Secretariat** is requested to advise the IALA MASS Task Group that the IALA G1107 is being revised by ENAV Committee to support a broader approach for test beds related to the digital transformation of the maritime environment.

¹ Leave open if uncertain

11. The **IALA Secretariat** is requested to forward the liaison note to ARM and PAP regarding Ship Reporting Guideline ENAV28-12.2.1 for further consideration in the work by IALA on Maritime Single Window.
12. The **IALA Secretariat** is requested to obtain the ISO/CD 28005-1 document that deals with the MSW and share this with the IALA membership to support coordination of the work on MSW.
13. The **IALA Secretariat** is requested to forward the draft Guideline on Artificial Intelligence and Machine Learning within the domain of IALA (ENAV28- 12.2.4) to ENAV29.
14. The **IALA Secretariat** is requested to forward proposed new task listed in the IALA Nextcloud folder: ENAV28 WG2/WG2 General/Potential Work Items, as provided in the task proposal templates, to PAP for consideration in the development of the future work programme for IALA Committees in 2023-2027.
15. The **IALA Secretariat** is requested to forward the proposed new task listed in the document WG3 New work items proposal 20211015 (ENAV28-12.3.1), to PAP for consideration in the development of the future work programme for IALA Committees in 2023-2027 or to the next ENAV meetings.
16. The **IALA Secretariat** is requested to add the “ENAV WG3/IEC TC80 WG15 joint working group intersessional workshop on IALA G1117” to the calendar.
17. The **IALA Secretariat** is requested to send the report of ENAV28 (ENAV28-13.1) to the Council to note.

Action Items for Participants

18. The **Committee participants** are encouraged to contribute to working paper ENAV28-12.1.3 Draft Technical service specification for the provisioning of AtoN information to end-users using the S-125 data model and to provide input to ENAV29.
19. The **Committee participants** are encouraged to participate in the intersessional group working on the development of Draft Technical service specification for the provisioning of AtoN information to end users by means of the S-125 data model and contact Thomas Christensen (thomas@dmc.international) by 29/11/2021, noting the dates and times of the intersessional meetings will be published on the IALA ENAV Committee Dashboard.
20. The **Committee participants** are encouraged to provide input papers to ENAV29 regarding technical services that could be used for the implementation of RCMS.
21. The **Committee participants** are requested to provide information on candidate technologies for review using the template provided in IALA Guideline 1153.
22. The **Committee participants** are encouraged to participate in the intersessional group working on the development of the Maritime Communications Manual and contact Ernie Batty (ernie.b@imisglobal.com) by 12 November 2021, noting the dates and times of the intersessional meetings will be published on the IALA ENAV Committee Dashboard.
23. The **Committee Participants** are encouraged to participate in the intersessional group working on the revision of G1107 and contact Jillian Carson-Jackson (jillian@jcconsulting.net) by 12 November 2021, noting the dates and times of the intersessional meetings will be published on the IALA ENAV Committee Dashboard.
24. The **Committee participants** are encouraged to participate in the intersessional group working on the development of the draft Guideline on Artificial Intelligence and Machine Learning within the domain of IALA and contact Ernie Batty (ernie.b@imisglobal.com) by 12 November 2021, noting the dates and times of the intersessional meetings will be published on the IALA ENAV Committee Dashboard.
25. The **Committee participants** are requested to share their findings on VDES clarification for potential integration into the Working Document toward PDR 2092-1 during the WG3 virtual intersessional VDES clarification meeting scheduled on 19th November and 13th December at 11.00-14.00 UTC.

26. The **Committee participants** are invited to participate in the joint IEC TC80 WG15 and IALA ENAV WG3 Intersessional meeting in the Netherlands from 10th of January 2022 at 08:00 UTC to the 14th of January 2022, 11:00 UTC.
27. The **Committee participants** are requested to review and propose changes to the IALA Guideline on VDES R-mode G1158 for the next ENAV29 committee meeting or discuss issues with Ronald Raulefs (ronald.raulefs@dlr.de) at any time.
28. The **Committee participants** are requested to ask for a new work item at IMO MSC level to task NCSR with the creation of an IMO performance standard on VDES R-mode. Please coordinate with Ronald Raulefs.