 Input paper: ENAV24-2.1.1

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

**□** ARM **□** ENG **□** PAP **X** Input

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

Agenda item [[1]](#footnote-1) 2

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

Author(s) / Submitter(s) IALA Secretariat

Action Items from ENAV24

Action Items

The action items listed below are extracted from the report of ENAV24. The action includes the relevant page number of the ENAV24 report should further information be required.

Action Items for the Secretariat

1. The **IALA Secretariat** is requested to forward the document ‘a lay person’s description of e-Navigation’ (ENAV24-12.2.2) as a working paper to ENAV25. 13
2. The **IALA Secretariat** is requested to forward the Draft Guideline ‘Web Services based S-100 data exchange’ (ENAV24-12.3.3.1) as a working paper to ENAV25. 13
3. The **IALA Secretariat** is requested to forward the Liaison Note to the IHO on the ‘IALA Guideline on IP (Web Service) based S-100 data exchange’ (ENAV24-12.3.3) and its associated draft Guideline (ENAV24-12.3.3.1) to the Council for approval and, following approval, to the IHO S-100 Working Group and the IHO S-124 Correspondence Group. 13
4. The **IALA Secretariat** is requested to forward the draft Guideline on ‘Platforms for Maritime Services’ (ENAV24-12.2.1) as a working paper to ENAV25 13
5. The **IALA Secretariat** is requested to forward the draft Guideline Template for review of emerging technologies for possible use by IALA members (ENAV24-12.3.4) to IALA Council for approval. 14
6. The **IALA Secretariat** is requested to consider the process for updating the ‘Position on the development of Aids to Navigation Services’. 14
7. The **IALA Secretariat** is requested to forward working paper on Candidate Technology Review for 4G (ENAV24-12.2.5) to ENAV25 for review by Working Group 3. 15
8. The **IALA Secretariat** is requested to forward working paper on Candidate Technology Review for Digital Voice over VHF (dPMR example) (ENAV24-12.2.6) to ENAV25 for review by Working Group 3. 15
9. The **IALA Secretariat** is requested to send the information paper on 3GPP (ENAV24-12.3.5) to IALA Council for e-mail approval and, following approval, to IMO NCSR 7. 17
10. The **IALA Secretariat** is asked to consider the implementation of an FAQ area on the IALA website and identify a suitable method to ensure content is provided by the Committees and maintained, to address the technical and logistical FAQs, as appropriate. 19
11. The **IALA Secretariat** is requested to consider providing access to the protected area of the IALA Wiki for the use of IALA Committees, noting the specific use requirement of Working Group 2 in support of the review of emerging technologies. 19
12. The **IALA Secretariat** is requested to consider placing a note on the IALA website to state that superseded documents may be available upon request. 19
13. The **IALA Secretariat** is asked to consider adding the QPSK point files ‘G1139-1\_QPSK\_points.zip’ to the edition 3 of G1139 on the IALA website page as document G1139-1. 20
14. The **IALA Secretariat** is requested to consider actions to ensure that the IALA IPR Wikipedia page is published correctly and linked from the IALA web and IALA Wikipedia pages. 20
15. That the **IALA Secretariat** forwards the Liaison Note on ‘working document towards a preliminary draft revision of Recommendation ITU-R M.1371-5’ to ARM10. 20
16. The **IALA Secretariat** is requested to forward the Liaison Note on Assignment and use of identities in the maritime mobile service for AMRD Group B (ENAV24-12.3.6) to ARM10. 20
17. The **IALA Secretariat** is requested to forward the Liaison Note on VDES R-Mode and its accompanying draft Guideline on VDES R-Mode (ENAV24-12.3.7 and ENAV24-12.3.7.1) to ENG11. 23
18. The **IALA Secretariat** is requested to forward the Liaison Note on the ‘Proposed e-navigation documentation architecture & update’ (ENAV24-12.3.8) to PAP for review. 23
19. The **IALA Secretariat** is requested to consider publishing a news release (ENAV24-12.2.4) following the approval by WRC-19 of the VDE-SAT frequencies. 24
20. The **IALA Secretariat** is requested to forward the Task Plan 2018 – 2022 to ENAV25 (ENAV24-12.2.7). 24
21. The **IALA Secretariat** is requested to send the report of ENAV24 (ENAV24-13.1) to the IALA Council to note. 24

Action Items for Participants

1. That **Committee Participants** are encouraged to contribute to the document ‘a lay person’s description of e-Navigation’ (ENAV24-12.2.2) and to provide input to ENAV25. 13
2. That **Committee Participants** are encouraged to contribute to the development of the draft Guideline on ‘Platforms for Maritime Services (ENAV24-12.2.1) and provide input to ENAV25. 13
3. **P Lane (CIRM)** is asked to investigate existing use of vocoder(s) for maritime use and provide a report to ENAV25 with recommendations and justifications on suitable vocoder(s) for consideration in further review of this technology. 15
4. **J F Coutu** is requested to provide a review of LEO constellation developments, using Template for review of Emerging Technologies, and provide this for review at ENAV25. 16
5. **K Heikonen** is requested to provide a review of LoRA / LoRaWAN, using the Template for review of Emerging Technologies, and provide this for review at ENAV25. 16
6. That **Committee Participants** are asked to provide input on the identified, and other, emerging technologies that may be suitable for use by IALA members and provide input and expertise to ENAV25. 16
7. **P Lane (CIRM)** is asked to coordinate with IALA on ways to ensure close cooperation on technical issues of mutual interest, including the participation in CIRM working groups and technical meetings. 17
8. **E Batty** is asked to further develop the mind map, noting input through the intersessional electronic discussion process, and provide as input to ENAV25. 19
9. That **Committee Participants** are invited to provide input to further revision of ‘working document towards a preliminary draft revision of Recommendation ITU-R M.1371-5’ (ENAV24-12.3.9.1) to the Chair of Working Group 3 before the 17 January 2020 for consideration at the intersessional meeting planned for February 2020. 20
10. That **Committee Participants** are asked to provide a change proposal on limiting the number of receivers and transmitters in the context of G1139 to the Chair of Working Group 3 for discussion at the February intersessional meeting before the 17 January 2020. 23
11. That **Committee Participants** are invited to note the development process for G1139 and review the G1139 changelog and submit change proposals for the coming intersessional meeting not later than 17th of January 2020 to the Working Group 3 intersessional file share or directly to the Chair of Working Group 3. 23
12. That **Committee Participants** are requested to provide VDES patent information to the Chair of Working Group 3 for discussion at the intersessional meeting before 17 January 2020. 23

1. Leave open if uncertain [↑](#footnote-ref-1)