



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 ENG14

Action Items

The action items listed below are extracted from the report of ENG14.

Action Items for Secretariat

1. The **Secretariat** is requested to forward the revision of Guideline 1065 on AtoN signal light beam vertical divergence (ENG14-12.1.1) as per Input paper ENG14-3.1.1.7 to the Council.
2. The **Secretariat** is requested to forward input paper ENG14-7.1.2 to ENG15 as a working paper.
3. The **Secretariat** is requested to forward a Liaison Note to Council that IALA Recommendation E-200-0 be withdrawn (ENG14-12.1.2).
4. The **Secretariat** is requested to forward the draft guideline on "Third Party AtoN Provider Quality Control" (ENG13-12.2.2) and ARMs Liaison note to ENG15.
5. The **Secretariat** is requested to forward the draft Guideline on Extreme Environmental Conditions (ENG14-14.2.10) document to ENG15.
6. The **Secretariat** is requested to forward the draft guideline on meteorological and oceanographical data dissemination (ENG14-14.2.5) as working paper to ENG15.
7. The **Secretariat** is requested to forward the guideline on the Sustainable Structural Design of Marine Aids to Navigation (ENG14-12.2.1) for council approval.
8. The **Secretariat** is requested to forward the draft guideline on Solar Panel (ENG14-12.2.6) as a working document to ENG15 Committee meeting.
9. The **Secretariat** is requested to forward the draft guideline on quantifying characteristics to meet nautical and operational requirements and ways to verify them (ENG14-12.2.7) as a working document to ENG15 Committee meeting.
10. The **Secretariat** is requested to forward the draft guideline on radar reflector (ENG14-12.2.8) as a working document to ENG 15 Committee meeting.

¹ Leave open if uncertain

11. The **Secretariat** is requested to forward Input paper on Pre-job training course for buoy tender crew to IALA World-Wide Academy ENG14-3.2.9 to prove whether it could be an additional WWA training course.
12. The **Secretariat** is requested to forward the 3 reviewed WWA L2 course to Council for approval.
13. The **Secretariat** is requested to forward the draft Guideline “G1008 on remote control and monitoring of marine aids to navigation” (ENG14-12.2.9) to ENG15.
14. The **Secretariat** is requested to forward the Liaison note to PAP with Proposals for enhancing Environmental Sustainability
15. The **Secretariat** is requested to forward the Liaison note to PAP and to the MASS Task Group referencing work & guidance within ENG relevant to MASS
16. The **Secretariat** is requested to forward the draft Guideline on resilient PNT (ENG14-12.3.4) to ENG15.
17. The **Secretariat** is requested to forward the draft Guideline on R-Mode implementation using MF radio beacons and VHF transmissions (ENG14-12.3.5) to ENG15.
18. The **Secretariat** is requested to upload S-246 eLoran station almanac and S-247 differential eLoran reference station almanac Product Specifications to the IALA website for further testing.
19. The **Secretariat** is requested to forward liaison note ENG14-12.3.2 “On radar standards” concerning racons to Council for approval and after been accepted to the ETSI TGMARINE via Andrea.Lorelli@etsi.org with copy to pete.hizzey@wanadoo.fr.
20. The **Secretariat** is requested to forward the draft Guideline on DGNSS (ENG14-12.3.6) to ENG15.
21. The **Secretariat** is requested to forward the draft review Guideline on high accuracy systems (ENG14-12.3.7) to ENG15.
22. The **Secretariat** is requested to forward the revisions on S1030 to PAP.
23. The **Secretariat** is invited to consider seeking clarity on the future vision of these generic GNSS receiver performance standards and how they will align with the existing multi-system receiver performance standard.
24. The **Secretariat** is requested to facilitate the arrangements for a virtual Heritage Seminar in August 2022 hosted by Directorate of Hydrography and Navigation, Brazil and, if viable to assist with the logistics as appropriate.
25. The **Secretariat** is requested to encourage IALA National Members to submit nominations for IALA Heritage Lighthouse of the Year 2022 and, when received, to set out in an acknowledgement email what will happen to the nomination.
26. The **Secretariat** is requested to assist the editing team on the IALA Heritage website in their role as editors as required.
27. The **Secretariat** is requested to forward the summary of the ENG14 Committee report (ENG14-14.1) to Council to note.

Action Items for Participants

28. **Frank Hermann** and **Pärtel Keskküla** are requested to arrange an intersessional meeting to progress the work on the development of G1023 Leading Line.
29. **Michel Cousquer** is requested to remove Task 2.1.5 for the 2018-2023 work programme and add it to the 2023-2027 work programme.
30. **Alwyn Williams** is requested to arrange an intersessional meeting to progress the work on Marine Light Terms of Measurement
31. **Malcolm Nicholson** is requested to continue to work on the Guideline on Optical Performance and Calculation and submit an Input Paper to ENG15.

32. **Michel Cousquer** is requested to add the revision of G1041 on Sector Lights as a task to the 2023-2027 work programme.
33. The **Committee participants** are requested to share their experiences covering the challenges of provision of AtoN services in polar or extreme hot and humid climates with examples from their specific areas for ENG15 to obtain a unique document considering all the environmental problematic .
34. The **Committee participants** and specially buoy manufacturers are requested to forward additional photos and examples to develop guidance quantifying characteristics to meet nautical and operational requirements and ways to verify them . Manufacturers representatives are invited to participate the Task Group at ENG15.
35. The **WWA** is requested to report their decision about the use of Input paper ENG14 3.2.9 on Pre-job training course for buoy tender crew to ENG15.
36. The **Committee participants** are invited to consider the updated version of G1129 The Retransmission of SBAS corrections using MF Radio beacon and AIS, located on the share file and to provide comments to the WG3 Chairman (Dr Alan Grant - alan.grant@gla-rad.org) prior to ENG15.
37. **Alberto Piovesana Jr (Diretoria de Hidrografia e Navegação of the Brazilian Navy)** is requested to liaise intersessionally with IALA Secretariat to establish the feasibility of running a virtual Heritage Seminar in August 2022 hosted by Directorate of Hydrography and Navigation, Brazil, if agreed, to commence developing the seminar, liaising with other IALA members as required, and to report back to ENG15
38. The **Committee participants** are encouraged to submit nominations for IALA Heritage Lighthouse of the Year 2022 and/or to encourage colleagues within their organisations to do so, and to note the deadline for nominations of 28th February 2022.
39. That **Sihyeon Park (National Lighthouse Museum, ROK)** conveys IALA's grateful acceptance to the Republic of Korea for its offer to provide the award for IALA HLY up until 2027 and proposes 2 or 3 plaque designs at ENG15 for ENG Committee & WG4's consideration.
40. The **Committee participants** are requested to provide direction to WG4 as to whether it wishes to see IALA HLY develop into an annual competition with a systematically selected winner or for it to continue as an informally commended accolade.
41. That **Gillian Burns (NLB)** and **Sihyeon Park (National Lighthouse Museum, ROK)** are requested to continue to ensure that the IALA Heritage website is up-to-date, accurate and complete, directly undertaking editorial changes and liaising with IALA Secretariat and with Peter Hill (WG4 Chair) as necessary.
42. The **Committee participants** are requested to note WG4's satisfaction with the draft task plan proposals in so far as they relate to WG4 and to submit further Heritage proposals for consideration at ENG15
43. The **Committee participants** are encouraged to present to WG4 on topics of lighthouse heritage affecting their member organisations.