1. Action Items

Action Items for Secretariat

1. The **IALA Secretariat** is requested to forward the ENG Committee Task Plan for 2018-2022, ENG12-7.2 to ENG13. 17
2. **IALA Secretariat** is requestedto forward the revised Guideline G1135 to the IALA Council for approval. 18
3. The **IALA Secretariat** is requested to forward the draft guideline on Third Party AtoN Provider Quality Control (ENG12-13.2.1) to ENG13. 19
4. The **IALA Secretariat** is requested to forward the Liaison Note on Third Party AtoN Provider Quality Control (ENG12-13.2.2) and draft guideline (ENG12-13.2.1) to the ARM Committee for review and request their feedback to ENG13 and intersessional working group through the secretariat. 19
5. The **IALA Secretariat** is requested to forward the draft Guideline on Extreme Environmental Conditions (ENG12-13.2.3) document to ENG13. 20
6. The **IALA Secretariat** is requested to forward the draft Guideline on the Properties of a good Marine Solar Panel (ENG12-13.2.4) to ENG13. 20
7. The **IALA Secretariat** is requested to forward the draft Guideline on Radar Reflectors (ENG12-13.2.5) to ENG13. 20
8. The **IALA Secretariat** is requested to forward working paper ENG12-13.2.6 on Brainstorming for Floating AtoN (ENG10-14.2.17) to ENG13. 21
9. The **IALA Secretariat** is requested to forward the review of Guideline 1008 on telemetry (ENG12-13.2.7) to ENG13. 21
10. The **IALA Secretariat** is requested to forward ENG12-13.3.1, Draft Recommendation on Terrestrial Radionavigation Services to Council for approval. 21
11. The **IALA Secretariat** is requested to forward liaison note ENG12-13.3.2 “Technical Specification of VDES R-Mode” to the ENAV Committee. 22
12. The **IALA Secretariat** is requested to upload the S-240 DGNSS Station Almanac Product Specification version 1.0.0 (ENG12-13.3.3) to the IALA website for further testing. 22
13. The **IALA Secretariat** is requested to forward liaison note ENG12-13.3.4 for CIRM “On the Effect of Radars on Racons in Busy Harbours” to Council for approval. 23
14. The **IALA Secretariat** is requested to forward liaison note ENG12-13.3.5 “On the Effect of Radars on Racons in Busy Harbours and IALA policy on use of AIS and Racons” to the ARM committee. 23
15. The **IALA Secretariat** is requested to forward liaison note ENG12-13.3.6 “Invitation to Racon Manufacturers” to the IMC Committee attaching the papers ENAV10-13.11 and ENAV21-13.10. 23
16. The **IALA Secretariat** is requested to forward liaison note ENG12-13.3.7 for ETSI TGMARINE “On Radar Standards” to Council for approval. If approved, the secretariat is requested to send the liaison note to ETSI TGMARINE via Andrea.Lorelli@etsi.org with copy to pete.hizzey@wanadoo.fr. 23
17. The **IALA Secretariat** is requested to forward liaison note ENG12-13.3.8 “Enhanced Radar Positioning System” to the ARM Committee attaching the paper ENG12-13.3.4 “Enhanced Radar Positioning Systems for Resilient Positioning.” 23
18. The **IALA Secretariat** is requested to forward liaison note ENG12-13.3.9 for CIRM “Enhanced Radar Positioning System” to Council for Approval attaching the paper “Enhanced Radar Positioning Systems for Resilient Positioning.” 23
19. The **IALA Secretariat** is requested to forward ENG12-13.3.10, Draft Recommendation on Provision of GNSS Augmentation Service for maritime applications” to Council for approval. 23
20. The **IALA Secretariat** is requested to forward liaison note ENG12-13.3.11 for RTCM “IALA response to RTCM Liaison Note on SC-104 & SC-134 activities” to Council for Approval. 24
21. The **IALA Secretariat** is requested to arrange for the presentation of the artwork virtually to representatives from Brazil at the December 2020 Council meeting. 25
22. The **IALA Secretariat** is requested to publish submitted articles about the IALA Heritage Lighthouse of the Year 2020 in the bulletin. 25
23. The **IALA Secretariat** is requested to encourage IALA National Members to submit nominations for IALA Heritage Lighthouse of the Year 2021. 26
24. The **IALA Secretariat** is requested to expedite the production of the database element of the website once comments on the latest draft had been provided by Peter Hill. 26
25. The **IALA Secretariat** is requested to forward the summary of the ENG13 Committee report (ENG12-14.1) to Council to note. 28

Action Items for Participants

1. [**Jonas Lindberg** is requested to work on the partially combined Guidelines on LED technologies and their use in signal lights and submit an input paper to ENG13. 17](#_Toc54953344)
2. [**That Committee Participants** are requested to submit input documents to ENG13 regarding the definitions that determine the performance of lights. 17](#_Toc54953345)
3. [**Malcolm Nicholson** is requested to populate the IALA Guideline template with the relative title headings from IALA E-200-5 and submit an Input Paper to ENG13. 18](#_Toc54953346)
4. [**That Committee Participants** are requested to submit input papers on their methods of monitoring the function and degradation of AtoN light sources to ENG13. 18](#_Toc54953347)
5. [**Jørgen Royal Petersen and Frank Hermann** to update Guideline G1134 with information on weathering and colour fading intersessionally, and submit as input to ENG13. 18](#_Toc54953348)
6. [**Wang Lingyan and Frank Hermann** to update Chapter 2 of Guideline G1134 with details of the measurement method and devices intersessionally, and submit as input to ENG13. 18](#_Toc54953349)
7. [**That Committee Participants** are requested to provide any examples of contracting out maintenance and renewal activities including pre-qualification of Contractors and monitoring of their performance to ENG13. 19](#_Toc54953350)
8. [**That Committee Participants** are requested to share their experiences and examples from their specific areas and to provide input paper for ENG13. 20](#_Toc54953351)
9. [**That Committee Participants** are invited to consider whether they or any of their colleagues have expertise in timing and synchronization aspects required to support ENG Task 3.2.7. Please let the WG3 Chairman (Dr Alan Grant - alan.grant@gla-rad.org) know of suitable experts who can support this topic. 22](#_Toc54953352)
10. [**Yonghun Cho (MOF, Korea)** is requested to oversee and resource the design and construction of the artwork to be presented to IALA Heritage Lighthouse of the Year accolade holder 2021 using the design established in 2020. 26](#_Toc54953353)
11. [**That Committee Participants** are encouraged to submit nominations for IALA Heritage Lighthouse of the Year 2021 and/or to encourage colleagues within their organisations to do so. 26](#_Toc54953354)
12. [**That Committee Participants** are requested to note WG4’s intention to progress into the next work period (2022-2026) the development of the IALA Heritage webpages and database, the continued development of IALA Heritage Lighthouse of the Year scheme, the development of a Heritage Module for the IALA Level 1.1 course and a full review of guidance documents, manuals and other documents associated with WG4. 27](#_Toc54953355)