 Input paper: ENG12-2.1.1

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

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

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

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

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

Author(s) / Submitter(s) IALA Secretariat

Action Items from ENG10

Action Items

The action items listed below are extracted from the report of ENG10. The action includes the relevant page number of the ENG10 report should further information be required.

Action Items for the Secretariat

1. The **IALA Secretariat** is requested to forward the ENG Committee Task Plan for 2018-2022, ENG10-14.5.2, and the Task Register, ENG10-14.5.3, to ENG10. 11
2. The **IALA Secretariat** is requested to forward Draft Recommendation E-111 Port Traffic Signals ENG10-14.1.1 to Council for Approval 11
3. The **IALA Secretariat** is requested to forward a Liaison Note on Port Traffic Signals ENG-14.1.4 to the ARM Committee 11
4. The **IALA Secretariat** is requested to forward the working paper on the Guideline for the Implementation of Port Traffic Signals (ENG10-14.1.5) to ENG11. 11
5. The **IALA Secretariat** is requested to remove the task related to the development of guidance on Service Factors is task from the IALA Workplan and merge it with the task related to the development of Guideline G1148 on Calculation of Luminous Intensity and Range. 13
6. The **IALA Secretariat** is requested to forward Draft Guideline G1148 on the Determination of Required Luminous Intensity for Marine Signal Lights (ENG10-14.1.2) to Council for approval. 13
7. The **IALA Secretariat** is requested to forward the Liaison Note on Vertical Divergence of Light for marking Mooring Bouys (ENG10-14.1.3) to the ARM Committee. 13
8. The **IALA Secretariat** is requested to forward the draft Guideline on Third Party AtoN Provider Quality Control (ENG10-14.2.12) to ENG11. 14
9. The **IALA Secretariat** is requested to forward the draft Guideline on Extreme Environmental Conditions (ENG10-14.2.9) document to ENG11. 14
10. The **IALA Secretariat** is requested to forward the draft IALA Guideline on Maintenance of AtoN Structures (ENG10-14.2.2) to Council for approval and, when approved, revoke IALA Guidelines 1007 on Lighthouse Maintenance and 1076 on Building Conditioning. 14
11. The **IALA Secretariat** is requested to forward the Liaison Note on tidal flow capture and display (ENG10-14.2.5) to the ENAV, ARM and VTS Committees and request their feedback to ENG11. 15
12. The **IALA Secretariat** is requested to forward the draft Recommendation on Responsible Design and Maintenance (ENG11-14.2.1) to Council for approval. 15
13. The **IALA Secretariat** is requested to forward the draft Guideline on the Properties of a good Marine Solar Panel (ENG10-14.2.14) to ENG11. 15
14. The **IALA Secretariat** is requested to forward the draft Guideline on quantifying buoy characteristics to meet nautical and operational requirements and ways to verify them (ENG10-14.2.15) to ENG 11. 15
15. The **IALA Secretariat** is requested to forward the draft Guideline on Radar Reflectors (ENG10-14.2.16) to ENG11. 16
16. The **IALA Secretariat** is requested to forward the working paper on Brainstorming for Floating AtoN (ENG10-14.2.17) to ENG11 16
17. That the **IALA Secretariat** forwards the Liaison Note on Auto Deployment of the Wreck Marker Buoy (ENG10-14.2.4) to ARM10. 16
18. This task should be reassigned to Working Group 4. 16
19. The **IALA Secretariat** is requested to assign tasks 2.6.1 (modern equipment in traditional lighthouses), 2.6.3 (world heritage lighthouse cyber centre), 2.6.4 (database on world heritage lighthouses) and 2.6.5 (world heritage lighthouse of the year) to Working Group 4. 16
20. The **IALA Secretariat** is requested to forward the draft Recommendation 1004 on Sustainability in the Provision of Marine Aids to Navigation (ENG10-14.2.3) to LAP for review 17
21. The **IALA secretariat** is requested to send IALA Model Course Level 1.1 on Aids to Navigation Manager Training (ENG10-14.2.6) to Council for approval. 17
22. The **IALA Secretariat** is requested to forward Input Papers ENG10-12.2.13, ENG10-14.2.13.1 and ENG10-14.2.13.2 on a “proposed IALA Level 3 Foundation Training to ENG11. 17
23. The **IALA Secretariat** is requested to forward the review of Guideline 1008 on telemetry (ENG8-12.2.14) to ENG11. 17
24. The **IALA Secretariat** is requested to forward documents ENG10-14.3.10 S-240 DGNSS station almanac product specification, ENG10-14.3.9 S-245 eLoran ASF data product specification, ENG10-14.3.9.1 S-246 eLoran Station almanac product specification and ENG10-14.3.9.2 S-247 Differential eLoran Reference station almanac to ENG11 as working papers. 18
25. The **IALA Secretariat** is requested to forward documents ENG10-14.3.6.4 VDES R-Mode Stakeholder Requirements (post ENG10), ENG10-14.3.6.2 and ENG10-14.3.6.3 R-Mode roadmap (post ENG10), ENG10-14.3.6.1 R-Mode mind map (post ENG10) and ENG10-14.3.6 Draft R-Mode Guideline to ENAV24 and ENG11 as working papers. 19
26. The **IALA Secretariat** is requested to consider the development of a new document type, and information paper, to contain information that is not sufficient to be a Recommendation or Guideline on its own. 19
27. The **IALA Secretariat** is requested to forward Liaison Note on an update to the True Heading patent ENG10-14.3.2, and its supporting documents (ENG10-14.3.2.1 to ENG10-14.3.2.4), to the Legal Advisory Panel for review and comment. 19
28. The **IALA Secretariat** is requested to forward working paper ENG10-14.3.8 Draft Guideline 1147 on Enhanced Radar Positioning System to ENG11 19
29. The **IALA Secretariat** is requested to forward new IALA dictionary definitions ENG10-14.3.4 to the Dictionary working group at PAP. 19
30. The **IALA Secretariat** is requested to forward the draft Guideline on SBAS Maritime Service (ENG10-14.3.3) to Council for approval. 20
31. The **IALA Secretariat** is requested to consider the proposed new wording for the IALA DGNSS list, captured in ENG10-14.3.5. 20
32. The **IALA Secretariat** is requested to move the DGNSS Contact list to a secure part of the website. 20
33. The **IALA Secretariat** is requested to amend the new station ID flow chart in the DGNSS list to replace WG3 Chairman with Secretariat. 20
34. The **IALA Secretariat** is requested to forward working paper, ENG10-14.3.7, Draft IALA Recommendation Rxxxx on GNSS Augmentation Service Provision, to ENG11. 20
35. The **IALA Secretariat** is requested to forward the Liaison Note to RTCM regarding collaboration with SC104 and SC134 (ENG10-14.3.1) to Council for approval. 21
36. The **IALA Secretariat** is requested to forward the Liaison Note to RTCM regarding collaboration with SC104 and SC134 (ENG10-14.3.1) once approved. 21
37. That the **IALA Secretariat** is requested to forward Input Paper ENG10-14.4.1 to Council regarding the process for the 2020 IALA Heritage Lighthouse of the Year. This process would comprise request for IALA Council to determine the recipient of annual IALA Heritage Lighthouse of the Year 2020 - subject to the arrangements detailed above. 22
38. That the **IALA Secretariat** is requested to forward to Liaison Note on nominations for the Heritage Lighthouse of the Year 2020 (ENG10-14.4.2) to ARM10. 22
39. The **IALA Secretariat** is requested to make available a sub-domain of the IALA website available for thecelebration of the relevant year’s IALA Heritage Lighthouse of the Yearand to liaise with Yong Chan Bae (Republic of Korea) and Peter Hill (ENG Working Group 4 Chair) in the layout / functionality of the webpage. 23
40. The **IALA** **Secretariat** is requested to update the work plan to reflect that items previously referred to separately as ‘Heritage Lighthouse Database’ and ‘Cybercentre’ (Task 2.6.3.& 2.6.4)are now combined and re-named ‘IALA Heritage website’. 23
41. That the **IALA World-Wide Academy** is requested to define a brief for Working Group 4 to provide the content for a Heritage section within the Level 1.1 and Level 1.2 courses, to include, allotted time, structure, and guidance on suitable similar materials (good examples of existing materials). 24
42. The **IALA Secretariat** is requested to forward the draft Reference List of documentation related to the ENG Committee (ENG10-14.5.1) to ENG11 for further development. 24
43. The **IALA Secretariat** is requested to forward the summary of the ENG10 Committee report (ENG10-15.1) to Council to note. 25

Action Items for Participants

1. [That **Committee participants** are requested to provide to the IALA Secretariat (Minsu Jeon) comments and suggestions on where maritime autonomous surface ship (MASS) issues may impact upon the work of IALA. 7](#_Toc21441337)
2. [That **Committee Participants** are requested to ensure that definitions in IALA documents are consistent with the Dictionary. 9](#_Toc21441338)
3. [The **Committee Participants** are invited to volunteer as Spanish / French translators for Dictionary terms. 9](#_Toc21441339)
4. [That **Committee Participants** are requested to submit articles for the IALA Bulletin to Marie-Helene Grillet and for the e-Bulletin to Audrey Guinault. 9](#_Toc21441340)
5. [That **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 ENG11. 12](#_Toc21441341)
6. [That **Malcolm** **Nicholson** is requested to review the revised guideline on effective intensity and submit an input paper to ENG11. 12](#_Toc21441342)
7. [That **Alwyn Williams** and **Peter Dobson** are requested to provide an input paper to ENG11 on monitoring of function and degradation of AtoN light sources if sufficient data is collected. 12](#_Toc21441343)
8. [That **Jorgen Royal Petersen**, **Johnny Menard** and **Patrick Hailstone** are requested to work on the draft revision of IALA Guideline G1134 on Surface Colours Used as Visual Signals on Aton to update and include a section on colour fading and provide an input paper to ENG11. 13](#_Toc21441344)
9. [That **Committee Participants** are requested to provide information on their experiences with the use of solar panels as input to ENG11. 15](#_Toc21441345)
10. [That **Committee Participants** are requested to provide information about radar reflectors they use. They should, where possible provide data sheets, mechanical drawings, pictures, reflection characteristics (RCS, reflection diagram), measurement methods, measurement laboratories, results of trials, application examples on buoys, structures, etc. and simulation results and the software used. 16](#_Toc21441346)
11. [That **Committee Participants** are invited to review the different draft product specification documents (S-240, S-245, S-246 & S-247) and provide their comments to Mr Younghoon Han (yhhan@kriso.re.kr)) by 31 January 2020. 18](#_Toc21441347)
12. [The **Chair of Working Group 3** to have a conference call with the Chair of the LAP to discuss the technicalities behind the patent and the proposal. 19](#_Toc21441348)
13. [That **Committee Participants** are encouraged to participate in the Heritage Seminar in Salvador, Brazil 2020 that is held back to back with ENG11. 22](#_Toc21441349)
14. [**Yong Chan Bae (Republic of Korea)** is requested to oversee and resource the design and construction of the artwork to be presented to each IALA Heritage Lighthouse of the Year accolade holder until the year 2022. 22](#_Toc21441350)
15. [That **Committee Participants** are encouraged to submit nominations for IALA Heritage Lighthouse of the Year 2020. 22](#_Toc21441351)
16. [That **Yong Chan Bae (Republic of Korea)** takes on responsibility for the ongoing management and updating of the webpage in accordance with the procedures set out by the IALA Secretariat. 23](#_Toc21441352)
17. [That **Hideki Noguchi** is requested to report the information of the special rotating lense system in the future session of the Committee. 24](#_Toc21441353)

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