



Committee - ENG

AGENDA	TITLE	DATE
	3.0 Input paper template	30 Sep 2019
1.3	1. Introduction ENG10-1.3.1 Provisional Agenda	11 Sep 2019
1.5.1	1.5. Programme for the week ENG10-1.5.1 Programme for the week	30 Sep 2019
2.1.1	2. Review of action items from last meeting ENG10-2.1.1 ENG9 Action Items	03 Aug 2019
2.1.2	2. Review of action items from last meeting ENG10-2.1.2 Report 9th Session IALA ENG Committee final	03 Aug 2019
3.1.1	3. Review of input papers ENG10-3.1.1 Japan comments on ENG9-12.13 Draft IALA Guideline Ed.1 Maintenance of AtoN Structures	03 Aug 2019
3.1.2	3. Review of input papers ENG10-3.1.2 Liaison Note to ENG on R-Mode (ENAV23-12.1.14)	03 Aug 2019
3.1.2.1	3. Review of input papers ENG10-3.1.2.1 R-Mode Stakeholder Requirements (ENAV23-12.1.15)	03 Aug 2019
3.1.3	3. Review of input papers ENG10-3.1.3 Liaison Note to ENG on R1004 Sustainability from ENAV23 (ENAV23-12.1.16)	03 Aug 2019
3.1.3.1	3. Review of input papers ENG10-3.1.3.1 Draft Recommendation R1004 Ed1 Sustainability Recommendation (ENAV23-12.1.16.1)	03 Aug 2019
3.1.4	3. Review of input papers ENG10-3.1.4 ARM Comments on draft Recommendation R1004 (ARM9-12.2.1)	03 Aug 2019
3.1.5	3. Review of input papers ENG10-3.1.5 Liaison Note_ENG_Marking of Mooring buoys (ARM9-12.2.2)	03 Aug 2019
3.1.6	3. Review of input papers ENG10-3.1.6 Liaison Note to ENG Port Traffic Signals (ARM9-12.2.3)	03 Aug 2019
3.1.6.1	3. Review of input papers ENG10-3.1.6.1 Analysis of questionnaire on E-111 (ARM9-12.2.3.1)	03 Aug 2019
3.1.7	3. Review of input papers ENG10-3.1.7 Liaison Note to ENG on 3rd Party QC (ARM9-12.2.6)	03 Aug 2019
3.1.8	3. Review of input papers ENG10-3.1.8 IALA Workshop on Cyber Security	08 Aug 2019
3.1.9	3. Review of input papers ENG10-3.1.9 Revision of IALA Guideline 1133 cover note - determination of required luminous intensity for marine signals	28 Aug 2019
3.1.9.1	3. Review of input papers ENG10-3.1.9.1 Proposed revised IALA Guideline 1133 - determination of required luminous intensity for marine signals	28 Aug 2019
3.1.10	3. Review of input papers ENG10-3.1.10 Proposed amendments to the NAVGUIDE related to Threshold of Illuminance and abbreviations	28 Aug 2019
3.1.11	3. Review of input papers ENG10-3.1.11 Colour Fading	02 Sep 2019

3.1.12	3. Review of input papers ENG10-3.1.12 Galileo Timing to support implementation for R-Mode	02 Sep 2019
3.1.13	3. Review of input papers ENG10-3.1.13 Proposed IALA Level 3 Foundation Training	02 Sep 2019
3.1.13.1	3. Review of input papers ENG10-3.1.13.1 Level 3 module analysis 05082019 rev1	02 Sep 2019
3.1.13.2	3. Review of input papers ENG10-3.1.13.2 Draft Level 3 Syllabus 05082019 rev1	02 Sep 2019
3.1.14	3. Review of input papers ENG10-3.1.14 Revisions to IALA Model Course L.1.1 Marine Aids to Navigation Manager	03 Sep 2019
3.1.14.1	3. Review of input papers ENG10-3.1.14.1 Model Course L1.1 Aids to Navigation Manager Training Ed.3.1 Dec 2019	03 Sep 2019
3.1.15	3. Review of input papers ENG10-3.1.15 REVISED The Development Status and Plan of BeiDou and BeiDou Satellite-based Augmentation System Rev1	17 Sep 2019
3.1.16	3. Review of input papers ENG10-3.1.16 Composite Solution Wind Driven and Reflective Bird Deterrent	03 Sep 2019
3.1.17	3. Review of input papers ENG10-3.1.17 Transformation of PRB-21 Lantern	03 Sep 2019
3.1.18	3. Review of input papers ENG10-3.1.18 Comments on WP ENG10-10.1 Draft IALA Guideline Gxxxx on SBAS Maritime Service	10 Sep 2019
3.1.19	3. Review of input papers ENG10-3.1.19 Draft Guideline on Tidal Current Signal System	10 Sep 2019
3.1.20	3. Review of input papers ENG10-3.1.20 Input paper - Nomination Form - IALA Heritage Lighthouse of the Year.	10 Sep 2019
3.1.20.1	3. Review of input papers ENG10-3.1.20.1 Nomination Form - IALA World Heritage Lighthouse of the Year	10 Sep 2019
3.1.21	3. Review of input papers Enhanced Real-time Positioning System (ERPS)	11 Sep 2019
3.1.22	3. Review of input papers ENG10-3.1.22 Draft IALA Recommendation on sustainability in the provision of Marine Aids to Navigation	13 Sep 2019
3.1.22.1	3. Review of input papers ENG10-3.1.22.1 Draft Recommendation R1004 Ed1 Sustainability Recommendation (PAP38-5.1.3.2) Post PAP Review	13 Sep 2019
3.1.23	3. Review of input papers ENG10-3.1.23 The Development of Auto Releasing New Danger Mark Buoy	17 Sep 2019
3.1.24	3. Review of input papers ENG10-3.1.24 RTCM Liaison Note to IALA on Messages 10402.4 Standard	17 Sep 2019
3.1.25	3. Review of input papers ENG10-3.1.25 Liaison Note to ENG10 on Guidance on Simulation Technology (ARM9-12.4.2)	18 Sep 2019
3.1.26	3. Review of input papers ENG10-3.1.26 Report on the IALA Workshop on R-Mode	23 Sep 2019
3.1.26.1	3. Review of input papers ENG10-3.1.26.1 R-Mode Roadmap 2019	23 Sep 2019
3.1.26.2	3. Review of input papers ENG10-3.1.26.2 R-Mode MindMap	23 Sep 2019
3.1.26.3	3. Review of input papers ENG10-3.1.26.3 R-Mode Stakeholders	23 Sep 2019
3.1.26.4	3. Review of input papers ENG10-3.1.26.4 Draft Guideline xxxx on R-Mode Implementation using MF radio beacon and VHF transmissions post workshop	23 Sep 2019

3.1.27	3. Review of input papers ENG10-3.1.27 Revision Draft on S-240 DGNSS Station Almanac Product Specification	29 Sep 2019
3.1.27.1	3. Review of input papers ENG10-3.1.27.1 S-240 DGNSS Station Almanac Product Specification	29 Sep 2019
3.1.28	3. Review of input papers ENG10-3.1.28 eLoran Product Specification Development	29 Sep 2019
3.1.28.1	3. Review of input papers ENG10-3.1.28.1 S-245 eLoran ASF data Product Specification	29 Sep 2019
3.1.28.2	3. Review of input papers ENG10-3.1.28.2 S-246 eLoran Station Almanac Product Specification	29 Sep 2019
3.1.28.3	3. Review of input papers ENG10-3.1.28.3 S-247 Differential eLoran Reference Station Almanac Product Specification	29 Sep 2019
3.1.29	3. Review of input papers ENG10-3.1.29 Draft Recommendation R1004 Ed1 Sustainability Recommendation Post PAP Review (PAP38-5.1.3.2)	29 Sep 2019
4.1.1.1	4. Reports from other bodies ENG10-4.1.1.1 Report Council 69 Final	03 Aug 2019
4.2.2	4. Reports from other bodies ENG10-4.2.2 IALA report on MSC101	08 Aug 2019
5.1.1	5. Reports from rapporteurs ENG10-5.1.1 Rapporteur - Power	21 Oct 2019
5.3.1	5. Reports from rapporteurs ENG10-5.3.1 Rapporteur - Buoys	21 Oct 2019
6.1	6. Presentations ENG10-6.1 IALA WWA ENG10 Briefing	21 Oct 2019
6.2	6. Presentations ENG10-6.2 MPA eRACON IALA Presentation	21 Oct 2019
6.3	6. Presentations ENG10-6.3 e-Loran in Korea	21 Oct 2019
6.4	6. Presentations ENG10-6.4 Stormlamp	21 Oct 2019
6.5	6. Presentations ENG10-6.5 Report on the IALA WS on R-Mode	21 Oct 2019
6.6	6. Presentations ENG10-6.6 Development of Auto Releasing New Danger Mark Buoy	21 Oct 2019
7.1.1	7. Work Programme (2018 - 2022) ENG10-7.1.1 Committee Work Programme for 2018-2022	03 Aug 2019
7.1.2	7. Work Programme (2018 - 2022) ENG10-7.1.2 WP ENG Task Plan 2018-22 (ENG9-12.23)	10 Sep 2019
8.1	8. WG 1 - Visual & Physical AtoN ENG10-8.1 WP Draft IALA Recommendation R0111 on Port Traffic Signals (ENG9-12.17)	03 Aug 2019
9.1	9. WG 2 - Knowledge & Sustainability ENG10-9.1 WP Draft IALA Guideline Ed.1 Maintenance of AtoN Structures (ENG9-12.13)	03 Aug 2019
9.2	9. WG 2 - Knowledge & Sustainability ENG10-9.2 WP Different definitions found between Dictionary and other documents (ENG9-12.15)	03 Aug 2019
9.3	9. WG 2 - Knowledge & Sustainability ENG10-9.3 WP Draft Guideline on tidal current signal system_V0.9 (ENG9-12.16)	03 Aug 2019
9.4	9. WG 2 - Knowledge & Sustainability ENG10-9.4 WP Draft Guideline on radar reflectors (ENG9-12.19)	03 Aug 2019

9.5	9. WG 2 - Knowledge & Sustainability ENG10-9.5 WP Draft Guideline on Use of Modern Equipment on Heritage Lighthouses (ENG9-12.20)	03 Aug 2019
9.6	9. WG 2 - Knowledge & Sustainability ENG10-9.6 WP Draft Recommendation on Design and Operation in the Provision of Marine Aids to Navigation (ENG9-12.22)	03 Aug 2019
10.0	10. WG3 – Radionavigation Services ENG10-10.0 WG3 plan for the week	10 Sep 2019
10.1	10. WG3 – Radionavigation Services ENG10-10.1 WP Draft IALA Guideline Gxxxx on SBAS Maritime Service (ENG9-12.21)	03 Aug 2019
10.2	10. WG3 – Radionavigation Services ENG10-10.2 WP Draft IALA Recommendation Rxxxx on GNSS Augmentation Service Provision (ENG9-12.25)	03 Aug 2019
11.0	11. WG4 - Heritage ENG10-11.0 Provisional Agenda ENG10 WG4 - Heritage Forum	10 Sep 2019
11.1	11. WG4 - Heritage ENG10-11.1 WP The Challenge of Change (ENG9-12.26)	03 Aug 2019
14.1.1	14. Review of output and working papers ENG10-14.1.1 IALA Recommendation R0111 on Port Traffic Signals	21 Oct 2019
14.1.2	14. Review of output and working papers ENG10-14.1.2 Guideline G1148 Determination of required luminous intensity for marine signal lights	21 Oct 2019
14.1.3	14. Review of output and working papers ENG10-14.1.3 Liaison Note to ARM Marking of Mooring Buoys	21 Oct 2019
14.1.4	14. Review of output and working papers ENG10-14.1.4 Liaison Note to ARM Port Traffic Signals	21 Oct 2019
14.1.5	14. Review of output and working papers ENG10-14.1.5 WP Draft IALA Guideline on the Implementation of Port Traffic Signals	21 Oct 2019
14.2.1	14. Review of output and working papers ENG10-14.2.1 Recommendation on Design and Operation in the Provision of Marine Aids to Navigation	21 Oct 2019
14.2.2	14. Review of output and working papers ENG10-14.2.2 IALA Guideline Ed.1 Maintenance of AtoN Structures	21 Oct 2019
14.2.3	14. Review of output and working papers ENG10-14.2.3 Recommendation on SUSTAINABILITY IN THE PROVISION OF MARINE AIDS TO NAVIGATION	21 Oct 2019
14.2.4	14. Review of output and working papers ENG10-14.2.4 Input paper to ARM Auto Releasing Wreck Marker paper	21 Oct 2019
14.2.4.1	14. Review of output and working papers ENG10-14.2.4.1 Annex 1 - The Development of Auto Releasing New Danger Mark Buoy	21 Oct 2019
14.2.5	14. Review of output and working papers ENG10-14.2.5 Liaison Note to All Committees on Tidal Display Signal System	21 Oct 2019
14.2.5.1	14. Review of output and working papers ENG10-14.2.5.1 Annex 1 - Draft Guideline on Tidal Current Signal System	21 Oct 2019
14.2.6	14. Review of output and working papers ENG10-14.2.6 Model Course L1.1 Aids to Navigation Manager Training Ed.3.1 Dec 2019	21 Oct 2019
14.2.7	14. Review of output and working papers ENG10-14.2.7 WP 1097 Ed.1.1 Technical Features and Technology Relevant for Simulation of AtoN-working 20190322	21 Oct 2019
14.2.8	14. Review of output and working papers ENG10-14.2.8 WP Draft Recommendation on Design and Operation in the Provision of Marine Aids to Navigation (ENG10-9.6) rev1	21 Oct 2019
14.2.9	14. Review of output and working papers ENG10-14.2.9 WP Notes on Develop guidance for AtoN equipment with extreme environmental conditions Task 2.3.1 rev2-1	21 Oct 2019
14.2.10	14. Review of output and working papers ENG10-14.2.10 WP Reference Table	21 Oct 2019

14.2.11	14. Review of output and working papers ENG10-14.2.11 WP NAVGUIDE 2018 v0.3	21 Oct 2019
14.2.12	14. Review of output and working papers ENG10-14.2.12 WP 3rd party AtoN provider quality control	21 Oct 2019
14.2.13	14. Review of output and working papers ENG10-14.2.13 WP Proposed IALA Level 3 Foundation Training (ENG10-3.1.13)	21 Oct 2019
14.2.13.1	14. Review of output and working papers ENG10-14.2.13.1 WP Level 3 module analysis 05082019 rev1 (ENG10-3.1.13.1)	21 Oct 2019
14.2.13.2	14. Review of output and working papers ENG10-14.2.13.2 WP Draft Level 3 Syllabus 05082019 rev1(ENG10-3.1.13.2)	21 Oct 2019
14.2.14	14. Review of output and working papers ENG10-14.2.14 WP IALA Guideline Solar Modules	21 Oct 2019
14.2.15	14. Review of output and working papers ENG10-14.2.15 WP Buoy Guidelines Structure	21 Oct 2019
14.2.16	14. Review of output and working papers ENG10-14.2.16 WP Guideline on Radar Reflectors	21 Oct 2019
14.2.17	14. Review of output and working papers ENG10-14.2.17 WP Task 2.5.3 Brainstorming (ENG8-12.2.14)	21 Oct 2019
14.3.1	14. Review of output and working papers ENG10-14.3.1 Liaison Note to RTCM re SC104 and SC134	21 Oct 2019
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14.3.2.1	14. Review of output and working papers ENG10-14.3.2.1 Annex 1 - Report on the IALA Workshop on R-Mode	21 Oct 2019
14.3.2.2	14. Review of output and working papers ENG10-14.3.2.2 Annex 2 - Comparison of AIS-R-Mode and True Heading Patent	21 Oct 2019
14.3.2.3	14. Review of output and working papers ENG10-14.3.2.3 Annex 3 - EU Patent - EP3052956	21 Oct 2019
14.3.2.4	14. Review of output and working papers ENG10-14.3.2.4 Annex 4 - RSN-2014-0292	21 Oct 2019
14.3.3	14. Review of output and working papers ENG10-14.3.3 IALA Guideline Gxxxx on SBAS Maritime Service	21 Oct 2019
14.3.4	14. Review of output and working papers ENG10-14.3.4 Input to DWG - Dictionary Updates	21 Oct 2019
14.3.5	14. Review of output and working papers ENG10-14.3.5 Table of DGNSS Stations October 2019	21 Oct 2019
14.3.6	14. Review of output and working papers ENG10-14.3.6 WP Draft Guideline on R-Mode Implementation Using MF Radio Beacon and VHF Transmissions Post Workshop (ENG10-3.1.26.4)	21 Oct 2019
14.3.6.1	14. Review of output and working papers ENG10-14.3.6.1 WP Mind Map R-Mode (updated) Review 04.10.2019	21 Oct 2019
14.3.6.2	14. Review of output and working papers ENG10-14.3.6.2 WP R-Mode Roadmap	21 Oct 2019
14.3.6.3	14. Review of output and working papers ENG10-14.3.6.3 WP R-Mode Roadmap 2019	21 Oct 2019
14.3.6.4	14. Review of output and working papers ENG10-14.3.6.4 WP R-Mode Stakeholder Requirements Post ENG10 (ENG10-3.1.2.1)	21 Oct 2019
14.3.7	14. Review of output and working papers ENG10-14.3.7 WP Draft IALA Recommendation on GNSS Augmentation Service Provision	21 Oct 2019

14.3.8	14. Review of output and working papers ENG10-14.3.8 WP Draft Guideline 1147 Enhanced Radar Positioning 02 October 2019-1	21 Oct 2019
14.3.9	14. Review of output and working papers ENG10-14.3.9 WP S-245 eLoran ASF Data Product Specification (ENG10-3.1.28.1)	21 Oct 2019
14.3.9.1	14. Review of output and working papers ENG10-14.3.9.1 WP S-246 eLoran Station Almanac Product Specification (ENG10-3.1.28.2)	21 Oct 2019
14.3.9.2	14. Review of output and working papers ENG10-14.3.9.2 WP S-247 Differential eLoran Reference Station Almanac Product Specification (ENG10-3.1.28.3)	21 Oct 2019
14.3.10	14. Review of output and working papers ENG10-14.3.10 WP S-240 DGNSS Station Almanac Product Specification	21 Oct 2019
14.4.1	14. Review of output and working papers ENG10-14.4.1 Input to Council on the Selection Process of the Heritage Lighthouse of the Year	21 Oct 2019
14.4.2	14. Review of output and working papers ENG10-14.4.2 Liaison Note to ARM. Heritage Nominations	21 Oct 2019
15.1	15. Review of session report ENG10-15.1 Report of ENG10	29 Oct 2019