



Committee - ENG

AGENDA	TITLE	DATE
0.1	0. Background ENG8-0.1 Welcome to IALA ENG8 2018-08-28 v2	28 Aug 2018
1.1	1. Opening ENG8-1.1 Draft Agenda 20181011	11 Oct 2018
1.5	1. - Opening ENG8-1.5 Programme for week 20180726	26 Jul 2018
1.5	11. WG3 â€“ Radionavigation Services ENG8-11.5 (Jan2018-ESTEC-output05) Liaison ENAV to ENG on R-Mode using VDES	12 Sep 2018
1.6.1	1. Opening ENG8-1.6.1 ENG WG Terms of Reference 2018-08-23	23 Aug 2018
1.6.2	1. Opening ENG8-1.6.2 (PAP36-13.3) Committee responsibilities Information services	02 Oct 2018
2.1	2. Actions from last work programme (ENAV21 & ENG7) to carry forward. ENG8-2.1 Action items from ENG7	26 Jul 2018
2.2	2. Actions from last work programme (ENAV21 & ENG7) to carry forward. ENG8-2.2 Action items from ENAV21 20170927 for WG5	26 Jul 2018
3.1	3. Review of input papers ENG8-3.1 Input paper Committee template February 2017	27 Jul 2018
4.1.1	4. Reports from other bodies ENG8-4.1.1 (C65-19.1) Report Council 65	31 Aug 2018
4.1.2	4. Reports from other bodies ENG8-4.1.2 (C66-20.1) Report Council 66 Final-Rev	31 Aug 2018
4.1.3	4. Reports from other bodies ENG8-4.1.3 Report Council 67 Final	31 Aug 2018
4.2.1	4. Reports from other bodies ENG8-4.2.1 (PAP34-18.1) Draft Report PAP34 V2	31 Aug 2018
4.2.2	4. Reports from other bodies ENG8-4.2.2 (PAP35-18.1) Draft Report PAP35 V1	31 Aug 2018
4.2.3	4. Reports from other bodies ENG8-4.2.3 (PAP36-11.1) Draft Report PAP36_V2	02 Oct 2018
4.3	4. Reports from other bodies ENG8-4.3 IALA position on the development of AtoN services 2017-12-15	02 Aug 2018
4.3.1	4. Reports from other bodies ENG8-4.3.1 Presentation UN Sustainability Goals	16 Oct 2018
4.4	4. Reports from other bodies ENG8-4.4 19th IALA Conference 2018 report final	02 Aug 2018
4.5	4. Reports from other bodies ENG8-4.5 Report on the IALA Seminar on arctic navigation Nov 2017	02 Aug 2018
4.6	4. Reports from other bodies ENG8-4.6 IALA-IHO Technical Coordination Meeting v3	28 Aug 2018

4.7	4. Reports from other bodies ENG8-4.7 Incheon Declaration on Lighthouses as Cultural Heritage	28 Aug 2018
4.8	4. Reports from other bodies ENG8-4.8 Report e-Navigation Underway International 2018 final	28 Aug 2018
4.9	4. Reports from other bodies ENG8-4.9 IALA Report 14th meeting Joint IMO-ITU Expert group on Maritime Radiocommunication Matters	12 Sep 2018
4.10	4. Reports from other bodies ENG8-4.10 IALA Report on IMO MSC99	21 Sep 2018
4.11	4. Reports from other bodies ENG8-4.11 IALA Report on IMO NCSR5	21 Sep 2018
4.12	4. Reports from other bodies ENG8-4.12 IALA Report on IMO Council 120	21 Sep 2018
4.13	4. Reports from other bodies ENG8-4.13 IALA Report on meetings of ITU-R WP5B	21 Sep 2018
6.1	6. Presentations ENG8-6.1 Presentation WWA brief to ENG-8 Oct 2018	16 Oct 2018
6.2	6. Presentations ENG8-6.2 Presentation Tidal Current Monitoring and Informing System in Korea	16 Oct 2018
6.3	6. Presentations ENG8-6.3 Presentation e-Navigation Underway conferences	16 Oct 2018
6.4	6. Presentations ENG8-6.4 Presentation MENAS Aton Monitoring project	16 Oct 2018
6.5	6. Presentations ENG8-6.5 Presentation Titanium foil anti-corrosion technology for steel lighthouses	16 Oct 2018
6.6	6. Presentations ENG8-6.6 Presentation World Lighthouse Summit jana 02	16 Oct 2018
6.7	6. Presentations ENG8-6.7 Presentation Gewies 2018 R-Mode testbed in the Baltic Sea	16 Oct 2018
7.1	7. Review of Task Plan and WG expectations ENG8-7.1 ENG Task Plan 2018-22 20181015	15 Oct 2018
7.2	7. Review of Work Programme and WG expectations ENG8-7.2 Task Register 2018-22 20180801	02 Aug 2018
7.2.1	7. Review of Task Plan and WG expectations ENG8-7.2.1 Task Register 2018-22 proposal Develop Guideline on Tidal Flow Data Capture and Display Task 2.3.3	10 Oct 2018
7.2.2	7. Review of Task Plan and WG expectations ENG8-7.2.2 Task Register 2018-22 proposal Develop guidance on technology for AtoN simulation Task 1.2.1	10 Oct 2018
9.1	9. WG 1 - Visual & Physical AtoN ENG8-9.1 (ENG7-11.2.5) Draft Recommendation E-200-3 Ed.2	02 Aug 2018
9.2	9. WG 1 - Visual & Physical AtoN ENG8-9.2 (ENG7-11.2.6) Draft Guideline 1133 Ed.1 on Marine Signal Lights Calculation of Luminous Intensity and Range	02 Aug 2018
9.3	9. WG 1 - Visual & Physical AtoN ENG8-9.3 (ENG7-11.2.7) Draft Guideline xxxx on Application of Retroreflecting Materials on Marine AtoN	02 Aug 2018
9.4	9. WG 1 - Visual & Physical AtoN ENG8-9.4 Definitions in IALA Dictionary - Visual AtoN	02 Aug 2018
9.5	9. WG 1 - Visual & Physical AtoN ENG8-9.5 Revision of Recommendation E111 on Port Traffic Signals	31 Aug 2018
9.5.1	9. WG 1 - Visual & Physical AtoN ENG8-9.5.1 draft IALA Recommendation R0111 on Port Traffic Signals 20180831	31 Aug 2018

9.6	9. WG 1 - Visual & Physical AtoN ENG8-9.6 Correction Required to IALA Recommendation R0201	14 Sep 2018
9.7	9. WG 1 - Visual & Physical AtoN ENG8-9.7 Estimation of Astragal and Glazing Losses on the Output of an Internally Fitted Integrated Lantern	14 Sep 2018
9.8	9. WG 1 - Visual & Physical AtoN ENG8-9.8 Implementation of the Convolution Function to Determine Flash Duration	14 Sep 2018
9.9	9. WG 1 - Visual & Physical AtoN ENG8-9.9 Incompatibilities On Draft Guideline 1133 Marine Signal Lights- Luminous Intensity And Range	17 Sep 2018
10.1	10. WG 2 - Knowledge & Sustainability ENG8-10.1 (ENG7-10.21) Report-Uniformity of terminology for Spar Buoy and Buoyant Beacon 170912	02 Aug 2018
10.2	10. WG 2 - Knowledge & Sustainability ENG8-10.2 (ENG7-11.2.2) Draft Guideline on Use of Modern Equipment on Heritage Lighthouses	02 Aug 2018
10.3	10. WG 2 - Knowledge & Sustainability ENG8-10.3 (ENG7-11.2.3) Draft IALA Guideline Ed.1 Maintenance of AtoN Structures ENG7	02 Aug 2018
10.4	10. WG 2 - Knowledge & Sustainability ENG8-10.4 (ENG7-11.2.4) Draft Guideline 1006 on plastic buoys 20180118	02 Aug 2018
10.5	10. WG 2 - Knowledge & Sustainability ENG8-10.5 Develop Guideline on Tidal Flow Data Capture and Display	10 Oct 2018
10.6	10. WG 2 - Knowledge & Sustainability ENG8-10.6 Definitions in IALA Dictionary - Power Supplies	02 Aug 2018
10.7	10. WG 2 - Knowledge & Sustainability ENG8-10.7 Draft Model Course L1.2 Master of AtoN Management new edition 20180612 shgb	28 Aug 2018
10.8	10. WG 2 - Knowledge & Sustainability ENG8-10.8 Draft IALA Model Course L1.5 on Historic Lighthouse Projects Ed.2 December 2019	31 Aug 2018
10.9	10. WG 2 - Knowledge & Sustainability ENG8-10.9 Definition of battery cycle life	17 Sep 2018
10.10	10. WG 2 - Knowledge & Sustainability ENG8-10.10 Replacement of Light Source in Anadolu Lighthouse	17 Sep 2018
10.11	10. WG 2 - Knowledge & Sustainability ENG8-10.11 Remote Control and Monitoring of AtoN fitted AIS in Turkey	17 Sep 2018
10.12	10. WG 2 - Knowledge & Sustainability ENG8-10.12 Updated Guideline 1091 with Best Practice Document	21 Sep 2018
10.13	10. WG 2 - Knowledge & Sustainability ENG8-10.13 WWA Documents for review at ENG8	02 Oct 2018
10.13.1	10. WG 2 - Knowledge & Sustainability ENG8-10.13.1 Draft IALA Model Course L2.1.7 Buoy Moorings Ed 3 Dec 2018	02 Oct 2018
10.13.2	10. WG 2 - Knowledge & Sustainability ENG8-10.13.2 Draft IALA Model Course L2.2.1 DC Power Systems	02 Oct 2018
10.13.3	10. WG 2 - Knowledge & Sustainability ENG8-10.13.3 Draft IALA Model Course L2.2.2 Primary and Secondary Battery Maintenance	02 Oct 2018
10.13.4	10. WG 2 - Knowledge & Sustainability ENG8-10.13.4 Draft IALA Model Course L1.5 Historic Lighthouse Projects Ed.2 December 2018	02 Oct 2018
10.13.5	10. WG 2 - Knowledge & Sustainability ENG8-10.13.5 Draft IALA Model Course L2.2.3 Photovoltaic (Solar panel) systems and maintenance Ed3 2018	02 Oct 2018
10.15	10. WG 2 - Knowledge & Sustainability ENG8-10.15 Proposal to develop operation manual for AtoN simulation system	10 Oct 2018
11.1	11. WG3 – Radionavigation Services ENG8-11.1 LN-IALA-29032018 Liaison note CIRM to IALA on the use of racons in busy harbours	01 Aug 2018

11.2	11. WG3 â€“ Radionavigation Services ENG8-11.2 (ENAV21-14.2.6) Draft IALA Recommendation Ed.1 on PNT relevant services and systems	02 Aug 2018
11.3	11. WG3 â€“ Radionavigation Services ENG8-11.3 WG3 plan for ENG8	28 Aug 2018
11.4	11. WG3 â€“ Radionavigation Services ENG8-11.4 VDES R-mode Development Status Update	10 Sep 2018
11.4.1	11. WG3 â€“ Radionavigation Services ENG8-11.4.1 Meeting July2018-Yiwu W-05 VDES R-mode Discussion	10 Sep 2018
11.4.2	11. WG3 â€“ Radionavigation Services ENG8-11.4.2 AIS VDES R-mode Development-Technical Report-1v1	10 Sep 2018
11.6	11. WG3 â€“ Radionavigation Services ENG8-11.6 Development of eLoran S-2XX Product Specification_rev	10 Oct 2018
11.6.1	11. WG3 â€“ Radionavigation Services ENG8-11.6.1 Draft S-246 eLoran Station Almanac Product Specification	17 Sep 2018
11.6.2	11. WG3 â€“ Radionavigation Services ENG8-11.6.2 Draft S-247 Differential eLoran Reference Station Almanac Product Specification	17 Sep 2018
11.7	11. WG3 â€“ Radionavigation Services ENG8-11.7 EGNOS SIS performance based on IMO Res. A.1046	17 Sep 2018
11.8	11. WG3 â€“ Radionavigation Services ENG8-11.8 Project SBAS implementation in shipborne receivers MAREC-KSX_20180917	17 Sep 2018
11.9	11. WG3 â€“ Radionavigation Services ENG8-11.9 Proposal for Recommendation on GNSS Augmentation Services	17 Sep 2018
11.9.1	11. WG3 â€“ Radionavigation Services ENG8-11.9.1 Draft IALA Recommendation Rxxxx on GNSS Augmentation Service Provision	17 Sep 2018
11.10	11. WG3 â€“ Radionavigation Services ENG8-11.10 Support for the transmission of EGNOS corrections via IALA beacons and AISVDES SC24 v0.7	21 Sep 2018
11.11	11. WG3 â€“ Radionavigation Services ENG8-11.11 DSG views on RPNT	11 Oct 2018
11.12	11. WG3 â€“ Radionavigation Services ENG8-11.12 IALA Position on DGNSS	11 Oct 2018
11.13	11. WG3 â€“ Radionavigation Services ENG8-11.13 (ENAV22-12.1.17) Liaison ENAV to ENG on PNT_on_R_mode-1v0 (1)	13 Oct 2018
11.13.1	11. WG3 â€“ Radionavigation Services ENG8-11.13.1 (ENAV22-9.3.6) (Jan2018-ESTEC-output05) Liaison ENAV to ENG on R-Mode using VDES	13 Oct 2018
11.13.2	11. WG3 â€“ Radionavigation Services ENG8-11.13.2 (ENAV22-9.2.5) (July2018-Yiwu W-05) VDES R-mode Discussion	13 Oct 2018
11.13.3	11. WG3 â€“ Radionavigation Services ENG8-11.13.3 (ENAV22-9.2.10) VDES R-mode Development Status Update	13 Oct 2018
11.14	11. WG3 â€“ Radionavigation Services ENG8-11.14 (ENAV22-12.1.13) Liaison to IALA Secretariat reach out for emerging tech	13 Oct 2018
11.15	11. WG3 â€“ Radionavigation Services ENG8-11.15 WG3 Presentation EGNOS corrections via IALA beacons and AISVDES Stations SC24 v0.2_JVA_LTG	02 Nov 2018
11.16	11. WG3 â€“ Radionavigation Services ENG8-11.16 WG3 Presentation ESSP-MOM-22831-v01-00_IALA_EGNOS SIS performance based on IMO Res. A.1046_mlm	02 Nov 2018
11.17	11. WG3 â€“ Radionavigation Services ENG8-11.17 WG3 Presentation MAREC Project 2018-10-16	02 Nov 2018
12.1.1	12. Review of output and working papers ENG8-12.1.1 Draft Guideline 1006 on plastic buoys post plenary	30 Oct 2018

12.1.2	12. Review of output and working papers ENG8-12.1.2 (ENG8-10.7) Draft Model Course L1.2 Master of AtoN Management new edition 20180612 shgb	30 Oct 2018
12.1.3	12. Review of output and working papers ENG8-12.1.3 (ENG8-10.13.4) Draft IALA Model Course L1.5 Historic Lighthouse Projects Ed.2 December 2018 post plenary	30 Oct 2018
12.1.4	12. Review of output and working papers ENG8-12.1.4 (ENG8-10.13.1) Draft IALA Model Course L2.1.7 Buoy Moorings Ed 3 Dec 2018	30 Oct 2018
12.1.5	12. Review of output and working papers ENG8-12.1.5 (ENG8-10.13.2) Draft IALA Model Course L2.2.1 DC Power Systems	30 Oct 2018
12.1.6	12. Review of output and working papers ENG8-12.1.6 (ENG8-10.13.3) Draft IALA Model Course L2.2.2 Primary and Secondary Battery Maintenance post plenary	30 Oct 2018
12.1.7	12. Review of output and working papers ENG8-12.1.7 (ENG8-10.13.5) Draft IALA Model Course L2.2.3 Photovoltaic (Solar panel) systems and maintenance Ed3 2018	30 Oct 2018
12.1.8	12. Review of output and working papers ENG8-12.1.8 Liaison note ENG8 to ARM8 on simulation guideline update	30 Oct 2018
12.1.9	12. Review of output and working papers ENG8-12.1.9 Liaison Note to ARM8 on the Cyber Security Workshop post plenary	30 Oct 2018
12.1.10	12. Review of output and working papers ENG8-12.1.10 WG2 Draft Proposal for Cyber Security Workshop post plenary	30 Oct 2018
12.1.11	12. Review of output and working papers ENG8-12.1.11 Liaison Note to Secretariat on World Heritage Lighthouse Competition post plenary	30 Oct 2018
12.1.12	12. Review of output and working papers ENG8-12.1.12 Draft Nomination Form for the World Heritage Lighthouse Competition	30 Oct 2018
12.1.13	12. Review of output and working papers ENG8-12.1.13 (C65-11.2.2.1) Draft IALA Recommendation R0200-1 (E200-1) Ed.2 on Marine Signal Lights Colours.docx	30 Oct 2018
12.1.14	12. Review of output and working papers ENG8-12.1.14 Liaison Note to ARM8 on Proposed Draft Model Course L1.2 post plenary	30 Oct 2018
12.1.15	12. Review of output and working papers ENG8-12.1.15 - Dictionary amendment proposal - Erosion post plenary corresp	30 Oct 2018
12.1.16	12. Review of output and working papers ENG8-12.1.16 Liaison Note to IALA Secretariat on the Heritage Seminar	30 Oct 2018
12.1.17	12. Review of output and working papers ENG8-12.1.17 Draft Heritage Seminar Proposal post plenary	30 Oct 2018
12.1.18	12. Review of output and working papers ENG8-12.1.18 WG2 Draft Guideline G1067-3 Ed.2 Electrical Energy Storage for AtoN_Dec2017 post plenary	30 Oct 2018
12.1.19	12. Review of output and working papers ENG8-12.1.19 Liaison Note on E-111 Port Traffic Signals post plenary	30 Oct 2018
12.1.20	12. Review of output and working papers ENG8-12.1.20 Liaison to IMO NCSR LED detection	30 Oct 2018
12.1.21	12. Review of output and working papers ENG8-12.1.21 WG2 Dictionary amendment proposal for Spanish translations	30 Oct 2018
12.1.22	12. Review of output and working papers ENG8-12.1.22 Draft Recommendation on Resilient PNT post plenary	30 Oct 2018
12.1.23	12. Review of output and working papers ENG8-12.1.23 Proposal for R-Mode workshop 2019 post plenary	30 Oct 2018
12.1.24	12. Review of output and working papers ENG8-12.1.24 Liaison Note to ARM8 re Racons in busy harbours post plenary	30 Oct 2018
12.1.25	12. Review of output and working papers ENG8-12.1.25 Liaison Note to ARM & ENAV re VDES R-Mode system requirements_comments post plenary	30 Oct 2018

12.1.26	12. Review of output and working papers ENG8-12.1.26 WG3 Suggested amendments to IALA position on the development of AtoN services 2017-12-15	30 Oct 2018
12.1.27	12. Review of output and working papers ENG8-12.1.27 Liaison Note to IALA Secretariat on the IALA LITE BATT Workshop	30 Oct 2018
12.1.28	12. Review of output and working papers ENG8-12.1.28 IALALITE- IALABATT workshop proposal 2021 post plenary	30 Oct 2018
12.1.29	12. Review of output and working papers ENG8-12.1.29 Draft Guideline 1065 Ed.3.1 AtoN Signal Light Beam Vertical Divergence_Dec2017 ENG8 Modified	30 Oct 2018
12.2.1	12. Review of output and working papers ENG8-12.2.1 ENG Task Plan 2018-22 updated at ENG8	30 Oct 2018
12.2.2	12. Review of output and working papers ENG8-12.2.2 (ENG8-10.3) Draft IALA Guideline Ed.1 Maintenance of AtoN Structures (ENG8 17 Oct)	30 Oct 2018
12.2.3	12. Review of output and working papers ENG8-12.2.3 Draft Guideline 1133 Ed.1 on Marine Signal Lights Calculation of Luminous Intensity and Range 10-17-18 (1)-1	30 Oct 2018
12.2.4	12. Review of output and working papers ENG8-12.2.4 Draft Guideline xxxx on Application of Retroreflecting Materials on Marine AtoN	30 Oct 2018
12.2.5	12. Review of output and working papers ENG8-12.2.5 Draft Recommendation on Design and Operation in the Provision of Marine Aids to Navigation post plenary	30 Oct 2018
12.2.6	12. Review of output and working papers ENG8-12.2.6 WG1 Draft IALA Recommendation R0111 on Port Traffic Signals 20180831	30 Oct 2018
12.2.7	12. Review of output and working papers ENG8-12.2.7 (ENG8-10.2) Draft Guideline on Use of Modern Equipment on Heritage Lighthouses	30 Oct 2018
12.2.8	12. Review of output and working papers ENG8-12.2.8 WG1 Estimation of Astragal and Glazing Losses on the Output of an Internally Fitted Integrated Lantern	30 Oct 2018
12.2.9	12. Review of output and working papers ENG8-12.2.9 WG1 Implementation of the Convolution Function to Determine Flash Duration	30 Oct 2018
12.2.10	12. Review of output and working papers ENG8-12.2.10 Task 2.5.1 Brainstorming	30 Oct 2018
12.2.11	12. Review of output and working papers ENG8-12.2.11 Task 2.5.2 Brainstorming	30 Oct 2018
12.2.12	12. Review of output and working papers ENG8-12.2.12 Task Register 2018-22 at ENG8	30 Oct 2018
12.2.13	12. Review of output and working papers ENG8-12.2.13 Draft IALA Recommendation Rxxxx on GNSS Augmentation Service Provision - wg3	30 Oct 2018
12.2.14	12. Review of output and working papers ENG8-12.2.14 Task 2.5.3 Brainstorming	30 Oct 2018
12.2.15	12. Review of output and working papers ENG8-12.2.15 Draft Guideline on tidal current signal system_V0.5	30 Oct 2018
12.2.16	12. Review of output and working papers ENG8-12.2.16 Revised Guideline G1097 Ed.1 Technical Features and Technology Relevant for Simulation of AtoN edit 181018	30 Oct 2018
12.2.17	12. Review of output and working papers ENG8-12.2.17 (ENG8-10.1) Report-Uniformity of terminology for Spar Buoy and Buoyant Beacon 170912	30 Oct 2018
14.1	14. Review of session report ENG8-14.1 Report 8th Session IALA ENG Committee ENG8 final	12 Nov 2018