



IALA COUNCIL 68th session



10-14 December 2018
IALA Headquarters

11 – IALA TECHNICAL ACTIVITIES

11.3 – ENG

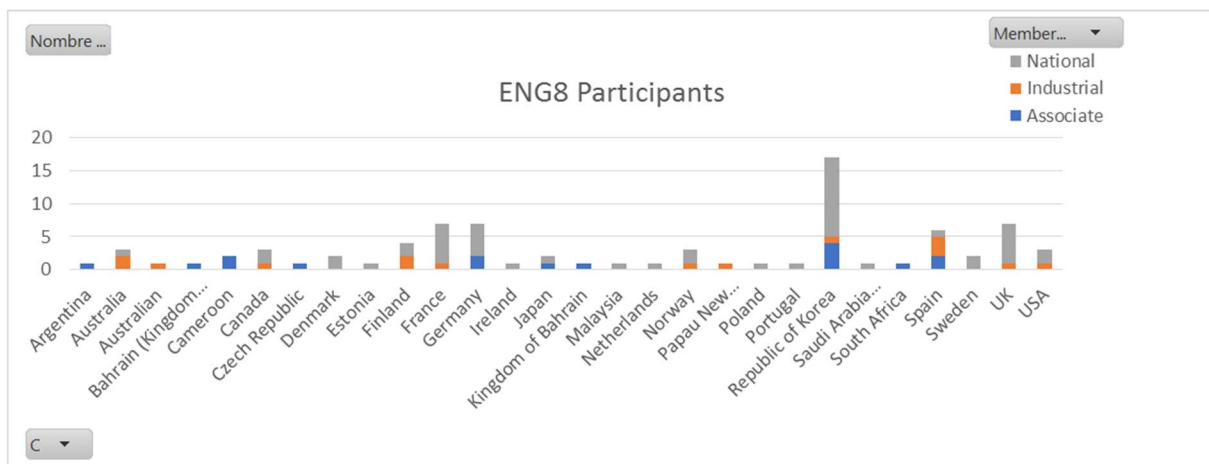
11.3.1 Summary report of the 8th session of the ENG Committee

Note by the Secretariat

1. REPORT OF THE 8TH SESSION OF THE IALA ATON ENGINEERING AND SUSTAINABILITY COMMITTEE (ENG8)

The eighth meeting of the ENG Committee (ENG8) was held from 15th to 19th October 2018 in IALA HQ.

The session was attended by 82 participants from 28 countries, of which 51 were National Members, 15 were Industrial Members, 16 were Associate Members. There were no observers. Seventeen participants attended for the first time. The following chart shows an analysis of the participation.



2. WORK CARRIED OUT

The scope of work of the ENG Committee was increased by taking on responsibility for radionavigation services.

Working in three working groups, the Committee considered 93 input papers including presentations and produced 29 output documents including 6 new/revised Academy Model Courses, 2 draft Recommendations, 3 draft Guidelines, 4 workshop/seminar proposals and 17 working papers. All Recommendations and Guidelines considered were aligned with the proposed seven Standards.

3. KEY OUTCOMES FROM THE SESSION INCLUDE:

The Committee produced the following Recommendations, Guidelines for approval of Council:

- Draft new Recommendation on Resilient PNT;
- Draft revised IALA Recommendation R0200-1 (E200-1) Ed.3 on Marine Signal Lights Colours Dec 2018;
- Draft revised Guideline 1006 Ed.4 on plastic buoys Dec 2018;



- Draft Guideline G1067-3 Ed.3 Electrical Energy Storage for AtoN Dec 2018;
- Draft Guideline 1065 Ed.4 AtoN Signal Light Beam Vertical Divergence Dec 2018.

The Committee drafted the following proposals for workshops/ seminars:

- Draft proposal for R-Mode workshop 2019;
- Draft proposal for Cyber Security workshop;
- Draft proposal for Heritage Seminar;
- Draft proposal for IALALITE- IALABATT workshop proposal 2021.

The following liaison notes were prepared:

- Liaison note ENG8 to ARM8 on simulation guideline update;
- Liaison Note to ARM8 on the Cyber Security Workshop;
- Liaison Note to Secretariat on World Heritage Lighthouse Competition;
- Liaison Note to ARM8 on Proposed Draft Model Course L1.2;
- Liaison Note to IALA Secretariat on the Heritage Seminar;
- Liaison Note to ARM8/ VTS46 on E-111 Port Traffic Signals;
- Draft liaison to IMO NCSR LED detection (approved by Council by correspondence to enable submission to IMO NCSR6 within the IMO deadline);
- Liaison Note to ARM8 re Racons in busy harbours;
- Liaison Note to ARM & ENAV re VDES R-Mode system requirements comments;
- Liaison Note to IALA Secretariat on the IALA LITE BATT Workshop.

The Committee produced a proposal for a World Heritage Lighthouse competition for all IALA members as a contribution to the 2019 World AtoN Day.

Under the Academy distance learning programme, one participant was presented with his certificate on passing the AtoN Level 1 Managers' course First Class.

Support for the Academy continued with drafting of one new model course and revision of five model courses.

- Draft IALA Model Course L1.2 Master of AtoN Management Ed.1 Dec 2018;
- Draft IALA Model Course L1.5 Historic Lighthouse Projects Ed.2 December 2018;
- Draft IALA Model Course L2.1.7 Buoy Moorings Ed 3 Dec 2018;
- Draft IALA Model Course L2.2.1 DC Power Systems;
- Draft IALA Model Course L2.2.2 Primary and Secondary Battery Maintenance;
- Draft IALA Model Course L2.2.3 Photovoltaic (Solar panel) systems and maintenance Ed3 2018.

The Committee thanked David Jeffkins for his years of service as Vice-Chair of the ENG Committee and congratulated Michel Cousquer for his nomination as Vice-Chair of the Committee. The Committee thanked Adam Hay for his work as Chair of the ENG WG2 and welcomed Jordan Lane-Beveridge as the new Chair of WG2. The Committee also thanked Frank Hermann for his years of work as Vice-Chair of ENG WG1 and congratulated Alwyn Williams for his nomination to replace Mr Hermann. The Committee also thanked Manuel Santos, Committee Participant, and Seamus Doyle, Committee Secretary, who both stepped down from the Committee.

4. TASK PLAN

The draft ENG Committee task plan for the work period 2018-2022 aligned with the seven draft Standards and the IALA committee work programme for 2018-2022 was updated and session details were added. The following table shows a summary of progress made to date in the four year work period.

Strategy Technical Domain	Tasks	Status
Standard 1010 – AtoN planning and service requirements	2 tasks	All tasks on schedule
Standard 1020 – AtoN Design and delivery	34 Tasks	All tasks on schedule
Standard 1030 – Radionavigation services	18 Tasks	All tasks on schedule
Standard 1050 Training and Certification	2 Tasks	All tasks on schedule
Standard 1060 Digital communications technologies	2 Tasks	All tasks on schedule

5. THE COUNCIL IS REQUESTED

The Council is requested to note the successful completion of ENG8.
