



IALA COUNCIL 62nd session



**21-24 June 2016
Lisbon
Portugal**

11 – IALA TECHNICAL ACTIVITIES

11.2 – ENG

Summary report of the 4th session of the ENG Committee

Note by the Secretariat

1. REPORT OF THE 4TH SESSION OF THE IALA ATON ENGINEERING AND SUSTAINABILITY COMMITTEE (ENG4)

The fourth meeting of the AtoN Engineering and Sustainability Committee (ENG4) was held from 11th to 15th April 2016 in IALA Headquarters.

The session was attended by 43 participants from 20 countries, of which 29 were National Members, 9 were Industrial Members, 3 were Associate Members, one was an observer. Four members attended for the first time.

2. WORK CARRIED OUT

The Committee considered 78 input papers and produced 17 output documents and 26 working papers including 6 Academy model courses.

3. KEY OUTCOMES FROM THE SESSION INCLUDE:

The seven proposed Standards and their respective areas of work were considered in order to align supporting documentation. Progress was made on review of IALA documents in order to update and align the documents with the proposed IALA Standards.

The ENG Chairman and the Chairman of ENG WG2 successfully passed their certificate on modules 1 and 2 of the WWA Level 1 Managers Certificate, having completed their studies by correspondence.

Good progress has been made on preparing for the Workshop on the Challenges of Providing AtoN Services in Extremely Hot Climates in September 2016 in Doha and the Workshop on Sustainable Light & Power for the Next Generation in Koblenz in March 2017.

The review of relevant sections of the Navguide progressed in accordance with the work plan.

A significant revision of the existing IALA guidance on sector lights was completed with the incorporation of guidance on modern LED sector lights, including updated design, measurement and installation procedures.

A strategy for relating defined terms in IALA documentation to the definitions in the IALA Dictionary was proposed for consideration by the PAP.

Professor Alison Raby from Plymouth University in the UK presented her work on wave load analysis and effects on rock lighthouses.



4. WORK PLAN

The ENG Committee work plan for the period 2014-2018 was updated in the light of emerging developments. The following table shows a summary of progress while progress on each work task to date is shown in ANNEX F of the meeting report which is available at <http://www.iala-aism.org/meetings-events/committees/private/meetings/eng/4/?page=5>.

Task	Number Tasks	Progress Indicator			Status Overview
		Green	Yellow	Red	
TD#1 – Light and vision physics	8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All tasks progressing per current plan
TD#2 – AtoN design and maintenance	8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All tasks progressing per current plan
TD#3 – Global capacity building and training	2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All tasks progressing per current plan
TD#4 – Civil engineering and environment	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All tasks progressing per current plan
Across all domains	18	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All tasks progressing per current plan task 5.1.11 which is delayed by one session.

5. THE COUNCIL IS REQUESTED TO

The Council is requested to note the successful completion of ENG4.