****

**5th Meeting of the AtoN Engineering and Sustainability Committee (ENG5)**

The 5th meeting of the **AtoN Engineering and Sustainability Committee** (ENG5) will be held from 10 – 14 October, 2016 at IALA, St Germain en Laye, France.

The opening plenary will commence at 1330 on Monday 10 October and the closing plenary will end at approximately 1300 on Friday, 14 October.

Committee Chair, Vice-Chair and Working Group Chairpersons are requested to meet at 0900 on Monday, 10 October 2016.

**AGENDA**

1. Opening
   1. Approval of the agenda
   2. Welcome address from the Secretary-General/Deputy Secretary-General
   3. Administration and safety briefing
   4. Introductions and apologies
   5. Programme for the week
2. Review of action items from ENG4
3. Review of input papers
   1. Input papers
   2. Identify input papers suitable for uploading to the IALA Wiki
4. Reports from other bodies
   1. Report on 62nd Session of the IALA Council 2016-06
   2. Report of the 31st Session of the IALA Policy Advisory Panel 2016-04
   3. Report on the 96th session of the IMO Maritime Safety Committee
   4. Report IALA WS on Shore-based Mar Services from Theory to Practical Use, Lisbon
   5. Report IALA Workshop on AtoN Services in Extremely Hot Climates
5. Reports from Rapporteurs
   1. Developments in Renewable Energy Sources Peter Dobson
   2. Developments in Battery Technology Jonas Lindberg
   3. Developments in New Light Sources Malcolm Nicholson / Alwyn Williams
   4. CIE-IALA Liaison Alwyn Williams
   5. Developments in AtoN Simulation Systems Jong-Uk Kim
   6. Developments in buoy moorings Sipke Hoekstra
   7. Developments in remote control and monitoring Peter Schneider
   8. IALA Dictionary David Jeffkins
   9. IALA Bulletin liaison David Jeffkins
6. Presentations (15 minutes duration)
   1. Brief on WWA Stephen Bennett
   2. Visibility-Adaptive AtoN Light (VAAL) Aivar Usk
   3. Marine Signal Lights Service Conditions Factor Link Powell
   4. Implementation of AIS-Aton real and virtual on Antartic zone Mariano Marpegan
   5. An introduction to e-Navigation Alwyn Williams
7. Review of Work Programme and WG expectations
8. Establish Working Groups
9. **WG 1 - Visual & Physical AtoN**
10. WG 2 - Knowledge & Sustainability
11. Review of output and working papers
12. Any other business
13. Review of session report
14. Date and venue of next meeting
15. Close of meeting