**17th Meeting of the Engineering, Environmental & Preservation of Historic Lighthouses Committee**

The 17th meeting of the **EEP Committee** will be held from 10 – 14 October, 2011 at IALA, St Germain en Laye, France.

The opening plenary will commence at 1300 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 0930 on Monday, 10 October.

**PROVISIONAL AGENDA**

1. Approval of the agenda
2. Review of action items from last meeting
3. Review of input papers
4. Reports from other bodies:
   1. IALA Council – 50th Session, December 2010
   2. IMO –MSC88, December 2010
   3. PAP20, October 2010
5. Reports from Rapporteurs:
   1. Developments in Aids to Navigation (M1\*)
   2. Developments in Renewable Energy Sources (M2\*) – Nil return.
   3. Developments in Battery Technology (M3\*)
   4. Developments in New Light Sources (M4\*)
   5. IALA Certification Process (M5\*)
   6. CIE-IALA Liaison (M6\*)
6. Presentations
   1. Surface colours Malcolm Nicholson
   2. Installation and test of AtoN in Antarctic waters Mariano Luis Marpegan
   3. World-Wide Academy Jean-Charles Leclair
   4. Hybrid Power Systems and networks of Base Station

for Mobile Phone using lighthouses in Korea Jong-Uk Kim

1. Establish Working Groups
2. Working Group 1 – AtoN infrastructure design and maintenance (WG1)
   1. **AtoN Engineering (Task 2\*)**
   2. **Power Systems and Energy Storage** (Task 4\*)
   3. **Remote Control and Monitoring** (Task 5\*)
   4. **Risk Assessment Techniques in AtoN Design and maintenance** (Task 11\*)
   5. **e-Navigation across Committees** (Task 13\*)
   6. **Polar Engineering** (Task 14\*)
   7. The use of Audible Signals as aids to navigation (*in conjunction with ANM*) (Task 15\*)
   8. **Workshops and Seminars** (Task 16\*)
3. **Working Group 2 –** Heritage, Conservation and Civil Engineering (WG2)
   1. **Heritage and Conservation** (Task 9\*)
   2. **Civil Engineering and Structures** (Task 10\*)
   3. **Workshops and Seminars** (Task 16\*)
4. **Working Group 3 -** Environment, quality assurance, training and publications (WG3)
   1. Knowledge Sharing / Knowledge Management, taking into account open source software (Task 1\*)
   2. **Environment and safety** (Task 6\*)
   3. **Aids to Navigation Training, IALA WWA** (Task 7\*)
   4. **Product Certification** (Task 8\*)
   5. **Quality Management** (Task 12\*)
   6. **Workshops and Seminars** (Task 16\*)
5. **Working Group 4 – Light and Vision (WG4)**
   1. **Engineering – Visual Aids (Task 2\*)**
   2. **Visual perception of lights and daymarks** (Task 3\*)
   3. **Workshops and Seminars** (Task 16\*)
6. Future Work Programme (2014 – 2018)
7. Review of output and working papers
8. Any other business
   1. Simulation
   2. NAVGUIDE
   3. e-Navigation
   4. Distribution of RAL colour swatches
9. Date and venue of next meeting
10. Review of session report