**21st Meeting of the Aids to Navigation Management Committee**

The 21st meeting of the **ANM Committee** will be held from 14 - 18 October 2013, at IALA.

The opening plenary will commence at 1300 on Monday, 14 October 2013, and the closing plenary will end at approximately 1300 on Friday, 18 October 2013.

Committee Chair, Vice-Chair and working group Chairpersons are requested to meet at 0900 on Monday, 14 October, 2013.

Work items / Tasks being addressed during this meeting are listed in ANM21-11.1 (ANM20/output/2).

Changes from ANM 20.

**AGENDA**

1. Introduction
   1. Administration & Safety briefing
   2. Approval of the agenda
   3. Apologies and introductions
   4. Programme for the week
2. Review of action items from last meeting
   1. Review of actions from ANM20
   2. Final Report from ANM20 – for reference
3. Review of input papers
4. Reports from other bodies:
   1. Report from IALA Council – 55th Session, May 2013
   2. Report from PAP25, May 2013
   3. Report from MSC92, June 2013
   4. Report from NAV59, September 2013
   5. Report from IALA MSP Workshop
5. Report from rapporteurs:
   1. Risk Management and Risk Models (M1\*) Jakob Bang
   2. IALA Questionnaire (M2\*) Jorge Teles
   3. Offshore manmade structures (OREI) (M3\*) Raven Kurtz
   4. Development of e-Navigation within AtoN Authorities (M4\*) Gerry Brine
   5. Development of e-Navigation for AtoN users (M5\*) Martin Bransby
   6. Development of mobile marine products for AtoN users (M6\*) Marek Ledochowski
   7. IALA Dictionary (M7\*) Robert Trainor
6. Presentations:
   1. Brief on WWA Stephen Bennett
   2. S-100 Product Specifications for e-Navigation Bjorn Erik Krosness
   3. Stadtvesseltunnel Roger Njord Svino

1. Establish Working Groups
2. Working Group 1 – Navigational Requirements (WG1)
   1. Produce guidance for Aids to Navigation Authorities on the user requirements and practical applications of e-Navigation, from berth to berth. (Task 1\*) Complete
   2. Develop Recommendations on AtoN standards and navigational requirements in risk control measures included in e-Navigation (this would include a revision (or a replacement) of the existing Recommendations and Guideline on risk management (1018)). (Task 2\*) Complete
   3. Develop guidance on the application of maritime surface picture (e.g. AIS traffic data) for analysis in risk assessment and the provision of Aids to Navigation (Task 3\*)
   4. Review and update guidance for AtoN Authorities, including Guideline 1062, in the use of Virtual Aids to Navigation assessing their use and contribution to safety of navigation (Task 4\*) Complete
   5. Consider the IMO Wreck Removal Convention and its implications for AtoN Authorities and States. Develop a Recommendation for IALA Members including guidance on marking ‘floating wreckage’, taking into account existing IALA guidance (Task 5\*) Suspended
   6. Review IALA Recommendation O-139 on the Marking of Man-made Off-shore structures (Task 12\*)
   7. Revision of the IALA questionnaire
3. Working Group 2 – Continuous Improvement (WG2)
   1. Co-ordinate a limited review of the IALA NAVGUIDE to incorporate amended IALA Recommendations and Guidelines and other necessary updates (Task 6\*)
   2. Develop guidance on issues derived from revision of the MBS, such as the clarification of auxiliary marks, including examples of those debated during the consultation and drafting process (Task 7\*) Complete
   3. Produce Quality Management and Training guidance for AtoN services and service providers in an e-Navigation environment, in support of the IALA World-Wide Academy. Review IALA Guideline 1052 (Task 8\*)
   4. Review and update guidance for AtoN Authorities on level of service and changing user requirement; such as need for landfall lights and unlit AtoN (Task 9\*) Complete
   5. Develop and update IALA Recommendation O-113 on the Marking of fixed bridges over navigable waters, also considering the marking of overhead power lines (Task 10\*) Complete
   6. Review IALA Recommendation O-104 of 1998, for off station Signals for Major Floating Aids to Navigation and extended to considerations of Buoys of Primary Navigation Significance (BPNS) and so called Superbuoys (Task 11\*) Complete
   7. Co-operate with the other Committees in the project for AtoN Status / information exchange and associated metadata (Task 13\*) Complete
   8. Examine the use of Audible Signals as aids to navigation and develop an IALA Guideline on their future – in conjunction with the EEP Committee (Task 14\*) Complete
   9. Review ANM Recommendations & Guidelines for updating (Task16\*)
   10. Update IALA Guideline 1058 on the use of simulation as a tool for waterway design and AtoN planning (Task17\*) Complete
   11. Develop a supplementary Guideline to 1058 providing technical detail for simulator providers and procurers of simulation to ensure appropriate components and quality for AtoN features (Task 18\*) Complete
   12. Review IALA Recommendation O-130 on Categorisation and Availability Objectives for Short Range Aids to Navigation (Task 19\*) Complete
4. Develop a Recommendation for navigational safety matters within Marine Spatial Planning (Task 15\*)
5. Review of Current Work Programme (2010 - 2014)
6. Future Work Programme (2014 – 2018)
   1. Disaster recovery
7. Review of output and working papers
   1. Output papers
   2. Working papers
8. Any Other Business
9. Review of session report
10. Date and venue of next meeting
11. Close of the meeting