**13th Meeting of the e-Navigation Committee**

The 13th meeting of the **e-NAV Committee** will be held from 18 – 22 March 2013 at IALA.

The opening plenary will commence at 1400 hours on Monday 18 March and the closing plenary will end at approximately 1300 on Friday 22 March.

Committee Chair, Vice-Chair and Working Group Chairs are requested to meet at 1000 hours on Monday 18 March.

Work items / Tasks being addressed during this meeting are listed in Paper e-NAV12/output/2.

Change from e-NAV12.

**AGENDA**

1. Approval of the agenda
   1. Apologies
   2. Programme for the week
   3. Safety & administration brief
2. Review of action items from last meeting
3. Review of input papers & inter-sessional Working Group reports
4. Reports from other bodies:
   1. Report from IALA Council – 54th Session, December 2012
   2. Report from PAP24, October 2012
   3. Report from MSC91, October 2012
   4. Report from VTS36, March 2013
5. Presentations (15 minutes duration)
   1. WWA update Stephen Bennett
   2. Project ACCSEAS Nick Ward
   3. A methodology to measure the effectiveness of MSP Yung Ho
   4. ARIADNA project Marcos López
   5. Project MONALISA 2 Ulf Svedburg
   6. Project MUNIN Thomas Porathe
6. Establish Working Groups
7. WG 1 – Operations & Strategy (User requirements)
   1. Monitor and co-ordinate input on Strategy & Operations to the IMO process (Task1\*)
   2. Review and update IALA Strategy for e-Navigation (Task 2\*)
   3. Maintain and update user requirements (in co-ordination with the VTS Committee) (Task 3\*) - Complete
   4. Monitor developments in navigation for polar regions (Task 4\*)
   5. Prepare Recommendations and guidelines on Maritime Information Systems (in co-ordination with the VTS Committee) (Task 25\*)
   6. Prepare Recommendations and guidelines on the portrayal of information (Task 26\*)
   7. Monitor developments in ECDIS, INS, and ENCs (Task 27\*)
   8. Monitor the activities of the Competent Pilotage Authority Forum (CPAF) (Task 33\*)
8. WG 2 – PNT / Sensors
   1. Review and update the World Wide Radio Navigation Plan (Task 5\*)
   2. Prepare Recommendations and Guidelines on PNT systems and radar AtoN (Task 6\*)
   3. Co-ordinate input to IMO, ITU, and IEC on PNT systems (Task 7\*)
   4. Prepare a Guideline on establishment and operation of navigation systems in polar regions (Task 8\*)
   5. Monitor developments in satellite and terrestrial EPFSs and non-radionavigation systems (Task 9\*)
   6. Prepare a Guideline on recommended measures for disaster recovery (Task 10\*)
   7. Monitor developments in radar technology and their effect on racons (Task 11\*)
9. WG 3 – AIS
   1. Review and update documentation on AIS (M.1371; A-124, A-126) (Task 12\*)
   2. Co-ordinate input to IMO, ITU, and IEC on AIS (Task 13\*)
   3. Monitor and contribute to the efficient utilization of AIS, development of future VHF Data Exchange (VDE) and technical standards (with WG4). (Task 14\*)
   4. Monitor developments in the technical definition of AIS stations at IEC, satellite detection of AIS, and terrestrial long range AIS (Task 15\*)
   5. Monitor developments in the use of AIS in polar regions (e.g. AIS AtoNs (Task 16\*)
   6. Provide guidance on the reliability of AIS data when used in court (Task 32\*)
10. WG 4 – Communications
    1. Review and update IALA Maritime Radio Communications Plan (Task 17\*)
    2. Prepare Recommendations and Guidelines on communications (Task 18\*)
    3. Co-ordinate input to ITU, IMO, and IEC on communications (Task 19\*)
    4. Prepare a Guideline on the establishment and operation of communications systems in polar regions (Task 20\*)
    5. Monitor developments in GMDSS and LRIT (Task 21\*)
11. WG 5 – Technical Architecture
    1. Develop and maintain shore-based e-Navigation architecture (Task 22\*)
    2. Prepare Recommendations and Guidelines on e-Navigation architecture (Task 23\*)
    3. Co-ordinate input to IMO, IHO, ISO, IEC and CIRM on e-Navigation architecture (Task 24\*)
12. WG 6 – Data Modelling
    1. Prepare Recommendations and Guidelines on data modelling (Task ??)
    2. Support/advise the IALA Domains Manager in managing the IALA domain, according to IHO standards S-100 & S-99 (Task 32\*)
13. Monitor and report progress on related systems (Task 28\*)
14. Liaise with other IALA Committees and other bodies (Task 29\*)
    1. NAVGUIDE
    2. IALA Dictionary
15. Prepare a combined IALA e-Navigation Plan (all Committees) (Task 30\*)
16. Consider the regulatory process for e-Navigation and recommend the best approach (Task 31\*)
17. Future Work Programme (2014 – 2018)
18. Review of output and working papers
19. Any Other Business
    1. Working Group Terms of Reference (ToR)
    2. Software quality assurance
20. Date and venue of next meeting
21. Review of session report