**12th Meeting of the e-Navigation Committee**

The 12th meeting of the **e-NAV Committee** will be held from 24 – 28 September, 2012 at IALA.

The opening plenary will commence at 1400 hours on Monday 24 September and the closing plenary will end at approximately 1300 on Friday 28 September.

Committee Chair, Vice-Chair and Working Group Chairs are requested to meet at 1000 hours on Monday 24 September.

Work items / Tasks being addressed during this meeting are listed in the final table of Annex G of the report of the previous meeting, which was included in the initial invitation to this meeting.

Change from e-NAV11.

**AGENDA**

1. Approval of the agenda
2. Review of action items from last meeting
3. Review of input papers & intersessional Working Group reports
4. Reports from other bodies:
   1. IALA Council – 53rd Session, June 2012
   2. PAP23, May 2012
   3. MSC97
   4. NAV58
5. Presentations (15 minutes duration)
   1. ACCSEAS Nick Ward
   2. Portrayal of AtoN Information on ENCs Dave Leewald
   3. Canadian implementation of e-Navigation Natacha Riendeau
   4. The e-Navigation Suite Jan-Hendrik Oltmann & David Patraiko
   5. Maritime Service Portfolio Jan-Hendrik Oltmann
   6. ISIS - A system for Standardised Data Exchange René Hogendoorn
   7. How can IALA adopt S-100 for Product Specifications? Sunny Gug
   8. WWA update Stephen Bennett
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. 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\*)
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
    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)
20. Date and venue of next meeting
21. Review of session report