ANM consolidated work program

Work Programme 2010 – 2014

Task	Sessions to be worked	Comments	Strategy number	Priority 1=Low 3=High	Percentaqe %
1 Produce guidance for Aids to Navigation Authorities on the user requirements and practical applications of e-Navigation, from berth to berth.	1 - 7	*Together with e-NAV & VTS Committees & derived from IMO e-Navigation Strategy.*	5.6 5.7 13.6	2 1 3	
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).	1 - 7	*Together with the e-NAV & VTS Committees.*	5.7 8.2 10.7	1 3 3	
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.	2 – 5	*In conjunction with the e-NAV Committee – AIS Working Group.*	8.2 10.7 13.5	3 3 1	
4 Develop guidance for AtoN Authorities in the use of Virtual Aids to Navigation assessing their use and contribution to safety of navigation.	1 – 4 And work shop	*In collaboration with the other committees and the IHO.*	5.5	1	

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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.	1 – 3	*Together with EEP and e-NAV Committees & LAP*	5.5	1	
6 Co-ordinate a limited review of the IALA NAVGUIDE to incorporate amended guidelines and recommendations and other necessary updates.	1 – 7	*In conjunction with other IALA Committees / ad hoc groups.*			

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7	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.	4 – 6	To include the principles of marking harbours / ports, e.g.: 1. Breakwater / Entrance lights, including: – when the one breakwater / entrance light may not be opposite the other, but extend further out to sea (as a protruding point) – when should a breakwater light be red / green and when can it be a white light – a long breakwater needs to be marked halfway 2. Quay / jetty lights, including when lights are required to be on both sides of a jetty 3. Other points of interest 4. Bridge markings 5. Port Traffic Signals 6. Principles of marking inland waterways with a combination of fixed and floating AtoN.			
8	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.	3 – 5	*In conjunction with the other Committees.*	5.6 7.1 10.8 13.6 18.1	2 3 3 3 1	

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9 Develop guidance for AtoN Authorities on level of service and changing user requirement; such as need for landfall lights and unlit AtoN. Review IALA Guideline 1004.	2 – 5	*In conjunction with the EEP Committee.*	5.4 5.6 5.7 13.6	2 2 1 3	
10 Develop and update IALA Recommendation O-113 on the Marking of fixed bridges over navigable waters, also considering the marking of overhead power lines.	1 – 3	*In conjunction with the other Committees.*			
11 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.	2 – 4				

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12 Review IALA Recommendation O-139 on the Marking of Man-made Off-shore structures. a. Marking of off-shore renewable energy installations (OREI) and the minimum distance that OREIs can be positioned from a TSS and / or shipping route b. Synchronisation of lights, sectoring of lights, marking & numbering of individual units within an OREI, exit marks etc.	1 – 6	*Recommendation O-139 was last revised in 2008, ANM recognises that this is a rapidly evolving issue in the competition for sea space and anticipates that the matter will need to be revisited. In conjunction with ICAO.*			
13 Co-operate with the other committees in the project for AtoN Status / information exchange and associated metadata.	3 – 5	*In conjunction with the other Committees and stakeholders. Lead is e-NAV.*	13.3	2	
14 Examine the use of Audible Signals as aids to navigation and develop an IALA Guideline on their future.	2 – 4	*Together with the EEP Committee.*			

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15 Develop a Recommendation for Marine Spatial Planning with emphasis on Navigational safety.	2-6	*Current developments of off shore renewable energy on an unprecedented scale have highlighted that AtoN authorities often do not have an overriding say on the location of Construction at sea. Planning authorities often lack an understanding of navigational safety and shipping issues with emphasis on the natural environment. It is considered necessary to have a Recommendation that can be referred to by planning authorities to assist in correcting this issue.*	*New item from conference recommendation*	*??*	
16 Review ANM Recommendations & Guidelines for updating	1-7	*To ensure Recommendations & Guidelines remain current ANM will regularly review content.*			
17 Update IALA Guideline 1058 on the use of simulation as a tool for waterway design and AtoN planning	1-2	*Simulation is a fast developing method of cost effective planning/testing prior to AtoN implementation. It has great potential for current off shore renewable developments. The current Guideline needs updating to support the AtoN authority planning activity*			

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18 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	2-6	*The supplementary Guideline is seen as providing a better understanding of the potential use of simulation in AtoN planning.*			
19 Review IALA Recommendation O-130 on Categorisation and Availability Objectives for Short Range Aids to Navigation	2-4	*Arising from EEP query about synchronised / sequenced light systems.*	10.8	3	
20 STRATEGY ITEM disaster recovery	strategy	*Post 2014 conference*	12.1	1	
21 A holistic approach to navigation in polar waters	Seminar / work shop/arctic forum	*Post 2014 conference*	11.1 11.2 11.3	3 3 3	
22 Virtual AtoN, part 2	Work shop	*Timing to be agreed early 2012; see task 4 above*	5.5	1	
23 Quality management and services including IMO mandatory audit scheme in force 2015	Work shop	*Autumn 2013, see task 8 above*	5.6 7.1 10.8 13.6 18.1	2 3 3 3 1	
24 The marking of OREI and marine spatial planning. Timing to suit O-139 review	Work shop	*Autumn 2012, see task 15 above*	*New item from conference recommendation*	??	