

IALA Council  
- Strategy Group –

### Members of the IALA Council Strategy Group

Strategic items proposed by Council members and PAP will be collected and discussed by the Strategy Group. A cost benefit indicator will be allocated to each item.

By applying a voting procedure all Council members are asked to provide their view on the priority of each item listed.

This process ends in a comprehensive list of strategic items, including a cost/benefit indicator and a priority for each item.

Based on this list the strategy implementation plan will be set up. Each item will be allocated to an IALA body, e.g. Committee, for consideration.

Presently we are in the phase of collecting potential strategic items for further consideration by the Strategy Group.

**All Council members are requested to provide potential strategic items which should be added to the list!**

### Overall Schedule

#### Council Session Draft Agenda

2010-I	Discuss, amend and approve overall schedule Discuss and complete what should be covered by the Strategy (corner Marks and principle outline for the strategy) Organisation and distribution of further work of the Strategy Group
2010 -II	} Discuss strategy } Monitor strategy implementation } Give advice to Council
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2012 II	
2013-I	Development of a first Draft IALA Strategy Implementation Plan, incl. a cost/benefit analysis and a prioritisation
2013-II	Approval of final Draft Implementation Plan and Draft Committee Work-Programme by Council
2014	<i>IALA Conference Spain:</i> <i>General Assembly: Presentation of IALA Strategy 2010 – 2014</i> <i>New Council: Approval of the Strategy Implementation Plan Approval of Committee Work-Programme 2014 - 2018</i>

## Strategic Items 2014-2018

### 2. DRAFT

Item (ref. IALA Constitution)
<b>Overall Policy</b>
- IALA to be considered as a government organization ⇨ 2010 - 2014
- Update the definition A-to-N ⇨ 2010 - 2014
- IALA's role in the development of overarching concepts/systems related to shipping, logistics, etc.
- IALA and pilotage/pilot authorities
- IALA's future financing – how can an upgrade of IALA's resources be secured?
- Upgrading IALA's IT and the possibilities for sharing knowledge.
<b>Developing international cooperation by promoting close working relationships and assistance between members</b>
<b>PILOTAGE AS AN ELEMENT OF VTM</b>
- Consider global harmonization of general principles and criteria to be used in the application and regulation of (mandatory) pilotage, for granting of pilot exemption certificates and for other pilotage requirements or dispensations thereof;
- Consider the role and position of pilotage within the wider framework of vessel traffic management.
<b>IMO Audit Scheme</b>
- Establish an agreement with IMO to develop the audit scheme system through expert teams of IALA members.
- Implement a voluntary IALA audit scheme in AtoN complementary to the IMO, more detailed and specific, based on the quality system that has been proposed in another entry and the management best practices.
<b>VTS</b>
- Develop a guideline on VTS from a global perspective
- Develop a guideline on establishment and operation of multinational VTS
- Consider the role of VTS as component of a national Single Window concept
- Establish a VTS accreditation system to allow IALA experts to carry out accreditation of VTS training facilities

<b>Collecting and circulating information about activities of its members as well as encouraging, supporting and communicating recent developments</b>
<ul style="list-style-type: none"> <li>- Consider possibilities and best practice for Shore Based Pilotage (SBP)</li> <li>- Publish a list of accredited VTS training facilities on the IALA website</li> <li>- Create a chat function on the Committee website to facilitate better communications between Committee sessions</li> <li>- Evaluate information and experience from IALA members on the use of AIS as a VTS tool, stand alone and in combination with Radar to develop a recommendation on future use of AIS and Radar as VTS tools</li> </ul>
<b>Enhancing mutual exchange of information with organizations representing the user of aids to navigation</b>
<ul style="list-style-type: none"> <li>- Requirements/benefits of harbours, terminal operators, logistics et al. for consolidated ship data, e.g. ETA, no. of passengers, health status, etc. <b>single window?</b></li> </ul>
<b>Formulating and publishing appropriate recommendations, standards and guidelines</b>
<b>FOR VESSEL TRAFFIC STATISTICS AND –ANALYSIS</b>
<ul style="list-style-type: none"> <li>- Develop international guidelines, standards and/or recommendations on collection, processing and (statistical) presentation of vessel traffic data and analysis, including traffic accident data</li> </ul>
<b>CONSOLIDATED VTM MANUAL</b>
<ul style="list-style-type: none"> <li>- Develop an IALA manual on vessel traffic management, integrating and consolidating existing IALA manuals</li> </ul>
<b>CONSOLIDATED E-NAVIGATION MANUAL</b>
<ul style="list-style-type: none"> <li>- Develop an IALA manual on e-navigation including (a) guidelines for shore-base authorities on the decision and implementation of e-navigation components, and (b) guidelines on cost/benefit, GAP and risk analyses for e-navigation</li> </ul>
<b>WWRNP</b>
<ul style="list-style-type: none"> <li>- Prepare an update of the WWRNP after the expected implementation/deployment of new satellite navigation systems (e.g. GALILEO)</li> <li>- Develop guidelines for the decision making and implementation of solutions for terrestrial back-up systems TERRANAV e-nav</li> </ul>
<b>High Speed Craft</b>
<ul style="list-style-type: none"> <li>- Develop (update guidelines 1033) for High Speed Craft, incl. Wing in Ground crafts</li> </ul>
<b>Service Quality Manual</b>
<ul style="list-style-type: none"> <li>- Develop a Service Quality Manual, on the service quality and product quality to serve as the basis for the IMO Audit or external auditing practice</li> </ul>
<b>Mobile Devices</b>
<ul style="list-style-type: none"> <li>- Develop a guideline on the impact for AtoN of the use of mobile devices (mobile telephone, tablet &amp; lap tops)</li> </ul>
<b>Radar</b>
<ul style="list-style-type: none"> <li>- Develop a guideline on implementation and operation of solid-state radar systems for VTS</li> <li>- Investigate/develop a guideline on the benefit of “Over The Horizon” radars as a VTS tool</li> </ul>

<b>Encouraging IALA members to take into account the development of multi-purpose systems which may be also used, for instance, to monitor the marine environment</b>
<b>OTHER COASTAL STATE ISSUES</b>
<ul style="list-style-type: none"> <li>- Develop international guidelines, standards and/or recommendations for the application of vessel traffic management in coastal areas, including areas beyond national jurisdiction;</li> <li>- Develop international guidelines, standards and/or recommendations for monitoring and tracking of vessels and vessel traffic</li> </ul>
<b>VTM AUDITING (PEER REVIEW)</b>
<ul style="list-style-type: none"> <li>- Develop and establish, preferably in the wider framework of IMO's (future mandatory) Audit Scheme, a scheme (procedure, assessment criteria, organisation, resources etc.) for auditing (national) vessel traffic management standards and practices.</li> </ul>
<b>Aids-to-Navigation</b>
<ul style="list-style-type: none"> <li>- Investigate the need/Develop a guideline on how to equip buoys with sensors e.g. current, temperature, etc. and to transmit these data to shipping</li> <li>- Noting the ongoing role of visual aids to navigation in the e-Nav environment monitor the experience on virtual aids to navigation</li> </ul>
<b>Establish Committees or Working Groups to study special issues</b>
<b>Promoting assistance to services or organisations requesting help within the marine aids to navigation and allied fields, whether technical, organizational or training</b>
<b>FURTHER CONTRIBUTIONS TO E-NAVIGATION</b>
<ul style="list-style-type: none"> <li>- Continue IALA's contributions to IMO's work on e-navigation, focusing on shore-based aspects and elements, including ship-shore communications and data-exchange;</li> <li>- Develop and establish the IALA VTM-concept as a basic framework for IALA's contributions to e-navigation.</li> </ul>
<b>TRAFFIC REGULATIONS, ROUTEING AND REPORTING AS ELEMENTS OF VTM</b>
<ul style="list-style-type: none"> <li>- Contribute to the development of international traffic rules and regulations from the perspective of vessel traffic management;</li> <li>- Contribute to the development of IMO guidelines and criteria for routeing measures from the perspective of vessel traffic management [and coastal spatial planning];</li> <li>- Contribute to the development of IMO guidelines and criteria for ship reporting systems from the perspective of vessel traffic management.</li> </ul>

**Capacity Building** (a conceptual approach to development that focuses on understanding the obstacles that inhibit people, governments, international organizations and non-governmental organizations from realizing their developmental goals while enhancing the abilities that will allow them to achieve measurable and sustainable results)

- Human resource development: support the process of equipping individuals with the understanding, skills and access to information, knowledge and training in the field of Aids-to-Navigation that enables them to perform effectively.
- Organizational development: support the elaboration of management structures, processes and procedures, not only within an Aids-to-Navigation organizations but also the management of relationships between the different organizations and sectors (public, private and community)
- Institutional and legal framework development: support making legal and regulatory changes to enable Aids-to-Navigation organizations, institutions and agencies at all levels and in all sectors to enhance their capacities action.

IALA assisting members organize their efforts related to aids to navigation:

- offer the developing countries the possibility to leap into the future of e-Navigation and skip some of the traditional steps in the development of aids to navigation.
- facilitate a mapping of the existing status and a plan for the future of aids to navigation.
- focusing and prioritizing capability building in the developing countries
- improve IALA's expertise in the area and create the possibility of funding parts of IALA's work in the area

**Organizing Conferences, Symposiums, Seminars, Workshops and other events relevant to its work**

- Similarly to organizing a Symposium on VTS every 4 years between Conferences, promoting the organization of specific symposia on Visual Aids and E-Navigation

Items marked yellow: pending the principle decision of the Council on VTM