



Awareness seminar on Safety of Navigation at IALA Headquarters and in Morocco in conjunction with the IHO in both the English and French languages.

The Academy contributed to an IHO Awareness Seminar back to back with the Meso American-Caribbean Sea Hydrographic Commission Meeting that took place in Dominican Republic. The Academy was also represented at the Mediterranean and Black Sea Hydrographic Commission in Spain, the North Indian Ocean Hydrographic Commission in Oman and the Southern African and Islands Hydrographic Commission in South-Africa.

The Academy participated to the Asia-Pacific Heads of Maritime Safety Agencies Meeting

in Korea. Furthermore, in Asia, a joint Maritime and Port Authority of Singapore and IALA workshop on the Initial Operating Capability Phase for e-Navigation Services was held during the Singapore Maritime Week which included the attendance of 12 sponsored participants. Additionally, the Ministry of Oceans and Fisheries, Republic of Korea, Korea Institute of Aids to Navigation and IALA hosted a general Safety of Navigation Capacity Building Seminar at IALA.

During all these events the Academy initiated meetings with Marine Aids to Navigation Competent Authorities of coastal States seeking how to support and improve their aids to navigation service delivery and to identify suitable candidates for training.

EDUCATING – PROVIDING EDUCATION AND TRAINING OPPORTUNITY TO MANY

During 2019 the IALA World-Wide Academy supported a global network of Accredited Training Organisations (ATOs) to facilitate the delivery of high-quality Marine Aids to Navigation Management training. In total, 186 participants from 62 countries successfully completed one of the Academy supported Level 1 Marine Aids to Navigation Manager family of courses in 2019.

The successful Level 1.1 Marine Aids to Navigation Manager course was delivered in eight ATOs, by means of both direct delivery and distance learning, resulting in 110 participants from 46 countries achieving the international qualification. The global network of ATOs continued to grow with Canada, Morocco, the Pacific Community and the United Kingdom attaining approval to deliver the course. Additionally, the established ATOs in China, France, India, South Africa and Suriname successfully delivered well attended courses.

The Level 1.1 course is also available by means of distance learning. During 2019, further development took place on the Academy's online Learning Management System. Additionally,



significant progress was achieved in the development of dedicated textbooks to support the Level 1.1 programme through the provision of amplifying information and resources.

The China Maritime Safety Administration hosted the second Level 1.2 Master of Marine Aids to Navigation Management course where a group of 23 participants successfully gained the qualification.

The use of IALA Risk Management Tools continues to grow following the active promotion of their demonstrable use in submissions to the IMO, as well as in a range of other projects of navigational significance. 53 participants from 21 countries achieved a qualification in the use of the IALA Risk Management Tools with two Level 1.3 courses being held at IALA Headquarters and in Colombia. The course in Colombia was successfully delivered in both the English and Spanish languages by means of simultaneous interpretation.

The Republic of Liberia hosted a training workshop in the use of the IALA Simplified IALA Risk Assessment Method (SIRA). This training was attended by representatives of a wide range of stakeholders and followed a practical approach using the coast of Liberia as a practical example to equip the Liberia Maritime Authority to implement SIRA around their coastline.

Participants in the Level 1 family of courses were drawn from both Marine Aids to Navigation authorities alongside an increasing number from industry. The Academy was able to sponsor a number of participants from coastal States in need of assistance. Of note, this included the successful training of two participants from Somalia, increasing the number of internationally qualified Level 1.1 Marine Aids to Navigation Managers in the country to three. The Level 1.1 qualification is also of value to countries with well-established Marine Aids to Navigation Management and in 2019 11 participants from the Canadian Coast Guard and two from the United States Coast Guard achieved the qualification by means of distance learning.

Through its VTS plan, the Academy seeks to develop positive relationships with ATOs delivering the VTS model courses to facilitate the provision of harmonised education and training in terms of quality and consistency of delivery.

The Academy continued its proactive relationship with the ASEAN Regional Training Centre for VTS in Kuala Lumpur, Malaysia. The Academy supported the delivery of a V-103/1 VTS Operator course and also the first delivery of the bespoke VTS Planning Manager training programme which is focussed on VTS implementation and the use of the IWRAP MkII IALA Risk Management Tool. Both programmes are designed to enhance VTS training capacity in the region and to assist in the development of ATOs in ASEAN regional countries.

The Maritime Authority of Suriname hosted the first IALA Lecturer Development Programme to equip their national lecturing team with the knowledge and skill necessary to successfully implement and deliver the Level 1.1 Marine Aids to Navigation Manager course by in-country technical experts.

ENGAGING - PURSUING LONG-TERM CAPACITY BUILDING

Capacity building is the development and strengthening of human and institutional resources. Competent Authorities in developing countries are obliged to deliver Marine Aids to Navigation services, but some lack the capacity to do so. The Academy actively facilitates capacity building through awareness events, missions and reviews supporting both IALA members and non-members, aiming to establish a long-standing commitment. These activities are tailored to the specific needs of a country or region and the Academy seeks partnership with other organisations to achieve its goals.

At the IMO Technical Cooperation Committee meeting in London, the Academy had the opportunity to work with many of its target

countries. During the IMO General Assembly, the Academy organised, together with experts from IMO, a meeting with the Minister of Transport of Somalia in order to align a future mission. The Joint Capacity Building Coordination Group meeting, as part of the UN's "Delivering as One" initiative and the 2030 Sustainable Development Agenda, took place at IMO Headquarters. This was an important meeting for the Academy to align its capacity building strategy and activities with sister organisations.

Technical Needs Assessment Missions to Gambia and Ghana took place in order to assess the adequateness and effectiveness of the system for delivering Aids to Navigation. These missions generate a technical report indicating the level of compliance with IALA Standards. After conducting reviews to Namibia and Liberia both countries have been removed from the Academy list of States in Need.

