

Agenda item 12.8 – Any other business

12.8.1 IALA World-Wide Academy

Presentation of the IALA World-Wide Academy

Executive summary: This document provides the Legal Advisory Panel with information on the activity of the IALA World-Wide Academy and the risks associated for IALA.

Background: At its 11th session, the LAP requested that a presentation be made at its 12th session on the IALA World-Wide Academy, with a special emphasis on the risk aspect.

Detail: In addition of the IALA WWA Risk Register (LAP 12/72), which is presented in the same format as the one established for IALA itself, and to illustrate its presentation to the LAP Members, the Academy is pleased to provide the following documents:

- the report of its first year of activity, 2012;
- the Terms of Reference agreed with the National Authority of Mauritius for a technical visit for a need assessment mission of aids to navigation in that country.

The first document contains the basic principles on which the Academy is working, according to the Decision adopted by the Council at its December 2011 session, as well as true examples of its activity.

The second document, which has been approved by the Board and endorsed by the Council, is largely inspired by the terms of reference for a similar mission organised in 2010 by IMO in Kenya. It should also serve as the model for the technical visits that the Academy will organise in the future at the request of countries interested by such cooperation with IALA. Already discussions with Cameroon for a similar visit are well advanced.

The attention of the LAP is drawn on the last paragraph of the Terms of Reference: *“The report will be then provided to the Mauritian Competent Authorities. The conclusions and recommendations of the report will be based where appropriate on IALA Recommendations and Guidelines. The responsibility for any decision to implement them will rest entirely on the Competent Authority of the Government of Mauritius”*. In addition, it is asked to the Consultant to include in his final report a disclaimer which will read: *“The conclusions and recommendations in this report represent the opinion of the IALA World-Wide Academy based where appropriate on IALA Recommendations and Guidelines. The responsibility for any decision to implement them rests entirely on the Competent Authority of the Government of Mauritius”*.

Recommendation: LAP is invited to:

- (i) note the information provided;
- (ii) provide any comments it considers appropriate, in particular on the proposed text of the disclaimer.

25 February 2013



The first operational year of the IALA World-Wide

Introduction

The IALA WWA (The Academy) commenced activities in January 2012. The Academy is the vehicle by which IALA delivers training and capacity building. While its training activities are intended for the benefit of all IALA Member States, Capacity Building (CB) is targeted at key developing States in specified regions.

Thanks to generous foundation sponsorship from IFAN, the Academy was established as an independently funded, but integral division of IALA. Other authorities have subsequently donated direct or in-kind sponsorship. Due to its intentionally lean staff structure, Academy activities are achieved with targeted support from the IALA Secretariat.

This report details the successful Academy's achievements during 2012, in particular:

- the continuation of the development of training material and model-courses;
- the holding of four regional seminars and workshop;
- the introduction of the Academy's goals and activities to maritime Authorities at five regional Hydrographic Conferences
- the preparation of a dedicated website;
- the full support of IMO.

Academy Governance and International Recognition

The Academy is governed by a Board of five members under the Chairmanship of its Dean. The IALA Secretary General is a standing Board Member. The three other Board Members are elected by the IALA Council for a four year term. The Board reports to the IALA Council which approves its activities set out in a rolling annual Action Plan which forms part of the Master Plan covering the four year period during which Board Members are elected.



Two part-time staff are responsible to the Dean. One has particular responsibility for French and English speaking African States. The other leads on the remaining 5 regions. This lean-manned organisation is supported by Council-approved experts who are contracted at the standard UN day rate to undertake specific CB Missions in pursuit of CB activities in the Action Plan. The Master Plan will be published on the new Academy website when it goes live in March 2013. A project to introduce a formal Quality Management System is a key target for 2013.

In June 2012, the IMO Technical Cooperation Committee commended IALA on the Academy's establishment whose activity was seen as a key part of the joint United Nations "Delivering as One" Capacity Building (CB) initiative. This was reinforced during a speech by IMO's Secretary General delivered at the IALA VTS Symposium in Istanbul in September.

The Academy has established a close liaison with the International Hydrographic Organisation (IHO) so that the UN initiative can be pursued on a broad front. Academy attendance at a number IHO Regional Hydrographic Commissions has produced positive results in line with its four stage CB strategy. This liaison was reinforced at the IMO 6th annual Joint Capacity Building Meeting held in Oostende in December 2012 at which the Academy gave a presentation to representatives from IMO, IHO, World Meteorological Organisation (WMO), Intergovernmental Oceanographic Commission (IOC), and the International Federation of Surveyors (FIG).



Academy Deliverables

Training and Accreditation

The Academy delivers guidance on the training and accreditation of both Vessel Traffic Services (VTS) and Aids to Navigation (AtoN) service provision.

The Academy maintains a strong liaison with the existing IALA Committees which are formed of experts from many IALA Member States and Industrial Members. These active and productive Committees generate the Recommendations and Guidelines which are then forwarded to Council for approval and publication. Academy training and international accreditation strategy is based primarily on work with IALA Committees. Since January 2012 this liaison has produced a raft of positive initiatives.

- Recommendations to improve the effectiveness of VTS Training and Accreditation procedures were approved at the 53rd Council in June 2012.
- An article on best training and accreditation practice for both VTS and AtoN which was published in the December edition of the IALA Bulletin. A new IALA Guideline on the accreditation and approval process for AtoN model courses has been drafted. This will be forwarded to Council for consideration in mid 2013.

- The overview IALA Recommendation on Level 1 AtoN manager and Level 2 technician training was approved by the IALA Council in December. It has been published as Recommendation E-141 Edition 2.
- A new Level 1 model course on Risk Management is due for consideration by the Engineering, Environmental and Preservation (EEP) Committee in April. All future Academy run Risk Management workshops will be run using this new model course syllabus.
- 15 L2 model courses were reviewed and endorsed by EEP. The remaining 15 will be considered at the next EEP Committee meeting in April 2013. The complete syllabus of 30 courses will then be available on the new Academy website.
- An approved process of periodic review will ensure that all model courses are kept up to date.
- These actions will benefit both established and developing IALA Member States. If best practice is followed, the safety of international navigation will be similarly enhanced.

Capacity Building Strategy and Review of the 2012 Action Plan

The Academy developed a CB strategy based on the IHO “4As” concept.

- ❖ **Stage 1:** Raising the **Awareness** of Executives in Ministries and senior managers of aids to navigation service providers charged by Competent Authorities for such services. This is achieved through targeted “Level 1+” seminars. The intended outcome of such seminars is for some or all Competent Authorities to ask The Academy to conduct a specific or regional assessment on their behalf.
- ❖ **Stage 2:** Conduct an **Assessment** of needs for that State or group of States based on a visit by Academy staff or sponsored experts using tailored Terms of Reference.
- ❖ **Stage 3:** Produce an **Analysis** of requirements, based partly on available AIS data from several sources.
- ❖ **Stage 4:** The intended deliverable for the four-stage process is to produce a list of **Actions** to meet the requirements identified during Stage 3 based on the principle of “SMART” objectives¹.

Region	Target States
East Asia	4
Eastern Atlantic	19
Meso-America and Caribbean	19
North Indian Ocean	10
ROPME (Arabian Gulf) Sea Area Region	4
Southern Africa and Islands	8
South-west Pacific	11

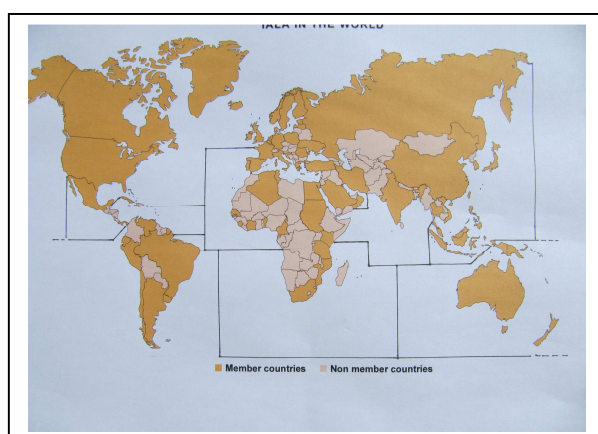


Figure 1 – Capacity Building Regions

¹ Targets to be Specific; Measurable; Achievable; Realistic and Timely

It had been planned to conduct three Capacity Building events during 2012. However achievements exceeded the expectations set out in the Action Plan. They were:

- The first Stage 1 “Level 1+” awareness seminar was held in Bahrain at the end of January 2012. Delegates from 4 States and the GCC Secretariat approved five recommendations which they agreed to pursue in the ROPME Sea Area (RSA) Region.
- The second successful Stage 1 awareness seminar, which followed the World Bank sponsored SAGNEP meeting was held in Cape Town in late May. This was attended by The President of the IALA Council, Mr David Gordon. Seven recommendations were adopted by all delegations; including the 7 attending target States. Three of them were similar to those from Bahrain demonstrating several common aims in these two regions.



Participants at the Bahrain and Cape Town CB Stage 1 Awareness Seminars

- The third Level 1+ awareness seminar were held in Sydney in early November back-to-back with an Academy run Risk Management workshop. The later was part-sponsored by AusAid and the IMO. The awareness seminar generated a request from Papua New Guinea to run a tailored Level 1 AtoN manager course for target South West Pacific States in PNG in November 2013.
- IMO observer attendance in Sydney resulted in IMO sponsorship for two Level 1+ awareness seminars in West Africa and in the Far-East planned for June and July 2013 and a VTS awareness seminar in Singapore in late September 2013.
- Resulting from a visit to the IHO in March, Academy staff were invited to participate in five Regional Hydrographic Commissions. The Dean attended the East Asian HC in Thailand in early September and the South African and Islands HC in Mauritius later that month. The latter built on liaison with the Mauritian Competent Authority developed in Cape Town. Terms of Reference for a Stage Two Needs Assessment mission were agreed and an Academy-sponsored expert is scheduled to conduct the mission in early 2013.
- Academy staff attended two more regional Hydrographic Commissions (Eastern Atlantic and Meso-American and Caribbean) in November. The former consolidated an earlier request from Cameroon to conduct a Stage 2 mission in 2013, while the later built on developing relations with Columbia in both VTS and AtoN management initiatives.



Participants at the Sydney CB Stage 1 Awareness Seminar

Action Plan 2013 and Beyond

A comprehensive and demanding Action Plan for 2013 and beyond was endorsed at the Third Academy Board Meeting. This was approved by Council in December. Apart from Stage 1 awareness seminars aimed at the East Atlantic and Meso-American and Caribbean Regions, it includes:

- Academy support for a JANA²-sponsored project to train Indonesian VTS operators as part of the Malaccan Strait initiative
- VTS awareness seminar in Singapore sponsored by the IMO
- A combined IMO-sponsored Level 1+ awareness and risk management seminar in Thailand targeted at the East Asian region
- A Risk Management workshop in Spain
- Three Stage 2 Needs Assessment Missions (Mauritius; Cameroon; Madagascar)
- Delivery of two modules of the Level 1 AtoN manager course in Papua New Guinea
- Attendance at “SAGNEP 4” in Mombasa to reinforce CB initiatives in the South African and Islands region.
- Attendance at 4 Regional Hydrographic Commissions in Myanmar (North Indian Ocean), Riyadh (ROPME Sea Area), Lisbon (South Africa and Islands) and Vanuatu (SW Pacific) to develop further joint CB under the “Delivering as One” initiative
- Assistance with the development of a Level 1 AtoN manager course for French-speaking States to be delivered in 2013-14.
- A VTS themed seminar in India in early 2014.
- Delivery in IALA Headquarters of an English Level 1 AtoN manager course for participants from regional target States in March 2014
- An Academy seminar targeted at Spanish-speaking States just ahead of the 18th Conference in Coruña in 2014. The new IALA and Academy websites will be available in Spanish and IALA flyers have been translated into Spanish for the benefit of our predominantly Spanish-speaking colleagues.

² Japanese Aids to Navigation Association

Financial Review

Foundation sponsorship from IFAN permitted the Academy to start delivering both training and Capacity Building. Nine percent of the IALA budget was considered appropriate for support from the IALA Secretariat. Activity-focussed expenditure for 2012, linked directly to the Action Plan, remained within budget. This was despite an unbudgeted increase in the level of Capacity Building activity.

While IFAN has remained the principle sponsor, 10 other Member States or Organisations have made significant direct or in-kind contributions during 2012. Details are shown in the Table below.


Sponsor	Purpose or Event	Support Provided
 IFAN	Foundation funding for training and CB projects and administrative support from IALA Secretariat	500,000€
UK (Trinity House)	Academy training activity	Funded technical experts
France (Department of Affairs Maritime)	AtoN development for Africa (focus on French-speaking States)	50,000€
Denmark (Danish Maritime Authority)	Level 1+ seminar (Bahrain)	Funded technical experts
Bahrain and MENAS	Risk Assessment seminar (Sydney)	Funded technical experts
	Bahrain seminar	Provided in country support and expense funding
South Africa	SAGNEP and Cape Town seminar	Provided in country support
World Bank	Cape Town Level 1+ seminar	Sponsored attendance of 25 participants from 7 target Southern Africa and Islands States
Australia (AMSA)	Sydney Risk seminar	Provided in country support and technical experts
Australia (AusAid)	Sydney Level 1+ seminar	Sponsored attendance of 20 participants from 10 target SW Pacific states
IMO	Sydney Risk and awareness seminars	Contribution of US\$30,000
IHO	Regional Hydrographic Commissions	Provision of Secretarial support

Table 1 – List of Academy Sponsors

Support from IMO is a clear indication of the raised profile that the Academy has achieved. Further sponsorship opportunities are being investigated actively by the Academy Board which in October decided to establish a Technical Cooperation Fund Operating Reserve using retained Academy funds and additional contributions from new sponsors. Expenditure from this low-risk interest earning Fund would be subject to Board approval on a case by case basis.

Summary

Thanks to the existing generous sponsorship from IFAN and other fund-raising initiatives The Academy is firmly on track to deliver both training for the benefit of all Member States and capacity building within its target regions. Formal QMS, a new website and Spanish documentation will enhance this process. A busy but well managed Action Plan for 2013 and

beyond continues to focus on the IALA Council-approved four-stage capacity building strategy and a re-invigorated training and accreditation process.

January, 2013

R.Adm. Jean-Charles Leclair (rtd.)
Dean, IALA World-Wide Academy

11 November 2012

International Association of Marine Aids to Navigation and Lighthouse Authorities

IALA World-Wide Academy Capacity Building Programme

(SAGNEP Region)

Technical Visit for a Need Assessment Mission of Aids to Navigation in Mauritius

Terms of Reference for the Consultant

Introduction

Considering the fact that casualties have already occurred in the past and conscious of the risks and the consequential damages of accidents along the coasts of Mauritius, its Outer Islands and its EEZ, the Government of Mauritius through the Ministry of Public Infrastructure, National Development Unit, Land Transport and Shipping – Shipping Division – which is responsible for safety of navigation and Aids to Navigation, has submitted a request to the International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA) seeking the support of the IALA World-Wide Academy, within the framework of its capacity building programme, for assessing the status of the Aids to Navigation along the coasts of Mauritius, including its Outer Islands.

Objectives

The Technical Visit will consist of a Need Assessment for Aids to Navigation in Mauritius. It will be held during the first term of 2013. The aim of the Technical Visit will be to assess the status of Aids to Navigation along the coasts of Mauritius and its Outer Islands.

In addition of the 2000 ships calling every year at Port Louis and of the local shipping, pleasure crafts and fishing activities, given the location of the country, international shipping routes pass through or close to its coastal waters where many fishing vessels are also operating every day. This means that the coastline and the harbours must be provided with adequate Aids to Navigation. In this respect the need assessment mission will visit Mauritius to identify gaps that may currently exist in the provision of Aids to Navigation and their management and, more generally, to assist the national competent Authorities to comply with their obligations regarding safety of navigation in compliance with the SOLAS Chapter V, in particular its Regulations 12 and 13.

A consultant experienced in safety of navigation will carry out this task.

Activities

The Consultant, acting upon the instructions of the Secretary-General of IALA or other appropriate official or officials authorised by him, and taking into account the work already done by the inter-ministries (authorities and departments) committee set up under the Ministry of Public Infrastructure, National

Development Unit, Land Transport and Shipping to make an assessment of existing Aids to Navigation and any additional Aids to Navigation that need to be installed, shall proceed to Mauritius, for a period of 10 days, excluding travelling time, to work with the relevant Authorities involved in safety of navigation and carry out the following tasks :

1. review the existing status of Aids to Navigation in Mauritius, including legal, managerial and organisational structures within which the current system is operating and any other factors which should be taken into account for improving Aids to Navigation in Mauritian waters, if needed;
2. recommend the means (functions, funding and organizational structure) by which the improved system of Aids to Navigation could be implemented, operated and maintained in line with SOLAS regulations V/12-13 and the appropriate Recommendations and Guidelines of IALA;
3. advice on an adequate Aids to Navigation infrastructure and proposals on necessary improvement to existing Aids to Navigation in Mauritian waters, in particular in the approaches to Mauritian ports to ensure safe navigation for shipping, and the priorities for implementing required improvement;
4. more generally, identification and suggestion on feasible solutions for improving the safety of navigation along the coasts of Mauritius and Outer Islands, including collection and dissemination of Maritime Safety Information;
5. visit relevant sites to be assessed, if possible, and
6. provide an overview of further technical assistance that would be necessary, in particular regarding training needs.

The Consultant will also carry out any other relevant duties falling within the scope of his competence, which may arise during the course of his assignment, to which his expertise is particularly requested.

Costs

The cost of the mission will be funded by the IALA World-Wide Academy. It is assumed that the Mauritian Authorities will provide the necessary support in terms of internal transport and logistics.

Reporting

The consultant will provide, in English text, with a comprehensive summary, the final report, detailing mission findings, conclusions and recommendations. IALA should be provided with one hard copy of the reports as well as a copy on electronic support using software compatible with Microsoft Word. The report should be sent to the Dean of the IALA World-Wide Academy no later than one month after the end of the field visit.

The report will be then provided to the Mauritian Competent Authorities. The conclusions and recommendations of the report will be based where appropriate on IALA Recommendations and

Guidelines. The responsibility for any decision to implement them will rest entirely on the Competent Authority of the Government of Mauritius.