



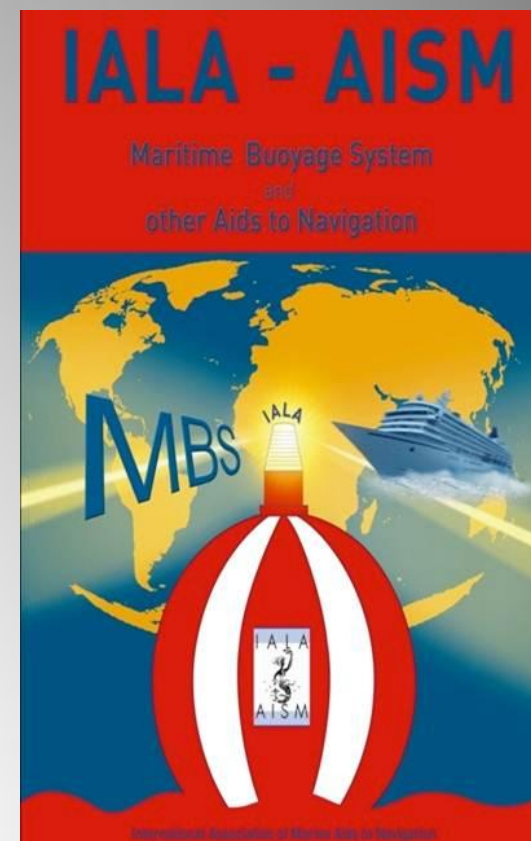
IALA and The World-Wide Academy

Stephen Bennett; Programme Manager IALA WWA

IALA – Headquarters in Paris



- International Association (NGO for now)
 - Not-for-profit
 - Non political
- Created in 1957 (but with origins from the 1800's)
- Special Observer Status with the International Maritime Organization 1961
- A number of Memoranda of Understanding with other international organisations
- Likely to upgrade to international Inter-Governmental Organisation (IGO) by 2016





IALA – The Aim

- To harmonise Aids to Navigation worldwide and....
- to ensure that the movement of vessels are safe, expeditious, cost effective and...
- harmless to the environment



Organization and Membership

- General Assembly
- 24 Member Council
- Council Working Groups
 - Strategy Group
 - Legal Advisory Panel (LAP)
- Over 80 National Members (Coastal States)
- 50 Associated Members (Organisations with related maritime activities such as Port Authorities)
- 110 Industrial Members
- 45 Honorary Members – Individuals who have made a significant contribution to navigation safety and IALA



SOLAS V Regulation 13

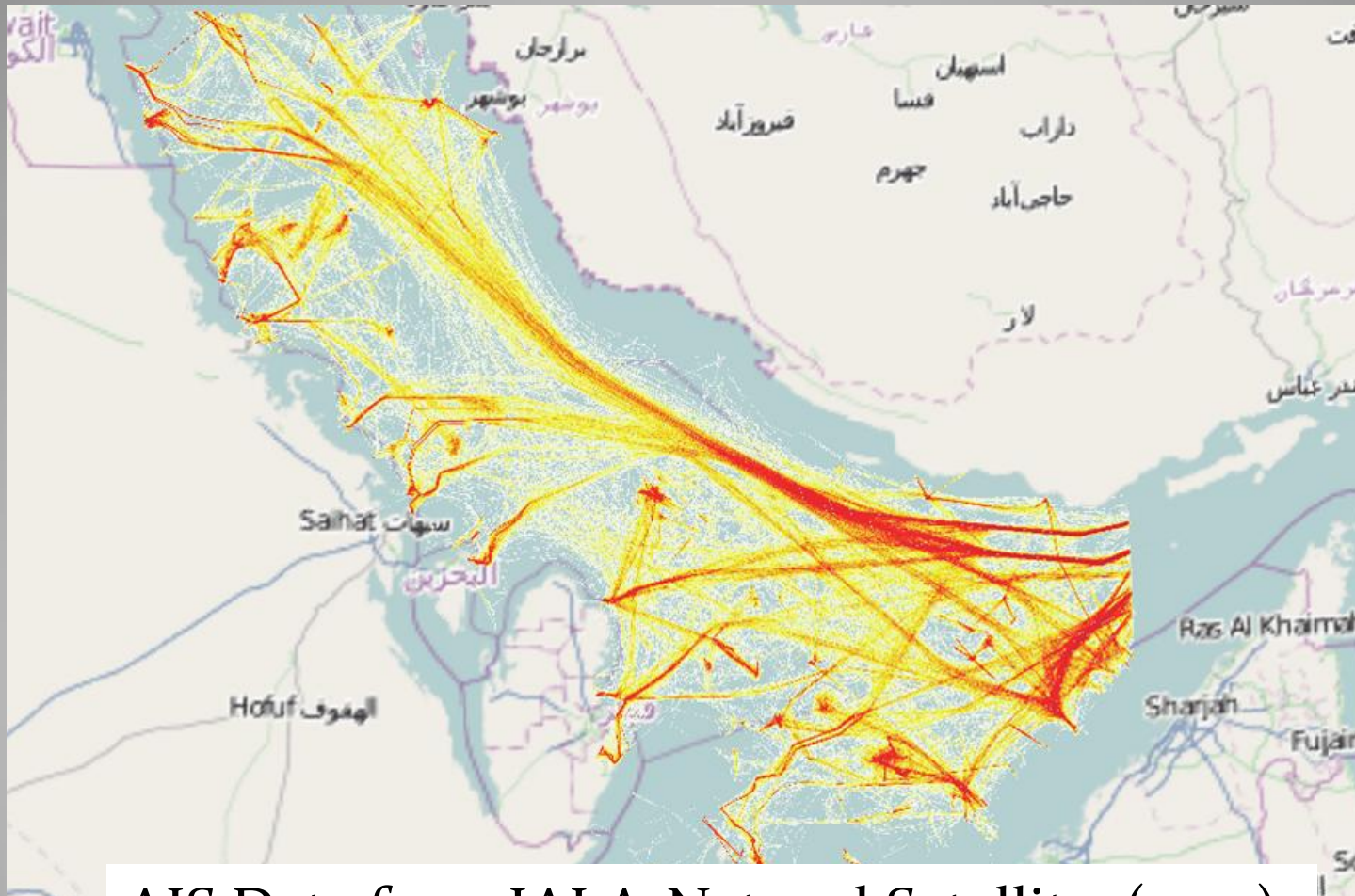
- Chapter V Regulation 13.1 requires a Contracting Government to provide “as it deems practical and necessary” by itself or with other Governments “such AtoN as the **volume of traffic justifies** and the **degree of risk requires**”
- Ch V Reg 13.2: AtoN should conform to international standards (**IALA recommendations and guidelines**)
- Ch V Reg 13.3 **information** about AtoN must be **given to all concerned** (mariners; stakeholders etc).

Obligations of the Competent Authority



- Provide as many AtoN are required based on a **risk assessment**
- Guarantee the reliability of each AtoN
- Update the AtoN service as maritime traffic, environmental patterns, technology and resources change
- Set up a formal method of informing mariners about existing AtoN, new AtoN, and AtoN failures
- Decide who will provide the AtoN service

Volume of Traffic



AIS Data from IALA-Net and Satellite (2012)



IALA Risk Management Toolbox

- Three Risk Management Tools :
 - PAWSA: **Qualitative** (graphical or diagrammatic) aiming to find acceptable and cost effective solutions
 - IWRAP Mk2: **Quantitative** (numerical or tabular) aiming to identify average number of annual collisions and groundings
 - **Simulation** techniques (examine effectiveness of risk control options)
- Annual Risk Management Workshop – Sydney 2012; Madrid 2013; **Istanbul 2014**
- New simplified qualitative tool for developing nations under development



IALA Publications, Recommendations and Guidelines

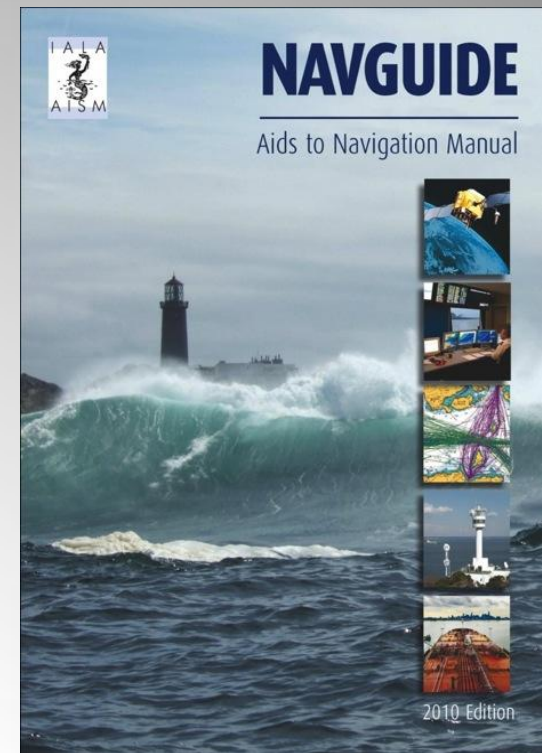
- Publications (NAVGUIDE; MBS; VTS Guide)
- Recommendations advise **what** should be done
- Guidelines advise **how** to implement the recommendations as “best practice”
- Contracting Governments should implement them (SOLAS V.13.2)
- Recs and GL are available **free** from www.iala-aism.org
- Delivered by the IALA World-Wide Academy during model courses, seminars and workshops

IALA Committees

- Committees draft IALA Publications, Recommendations and Guidelines for Council approval
 - AtoN Requirements and Management
 - Engineering and Sustainability
 - Vessel Traffic Services
 - e-Navigation



which are then delivered by the **Academy**



The World-Wide Academy

- *“The IALA World-Wide Academy (WWA) is the vehicle by which IALA delivers training and capacity building”*
- Started in January 2012
– independently funded

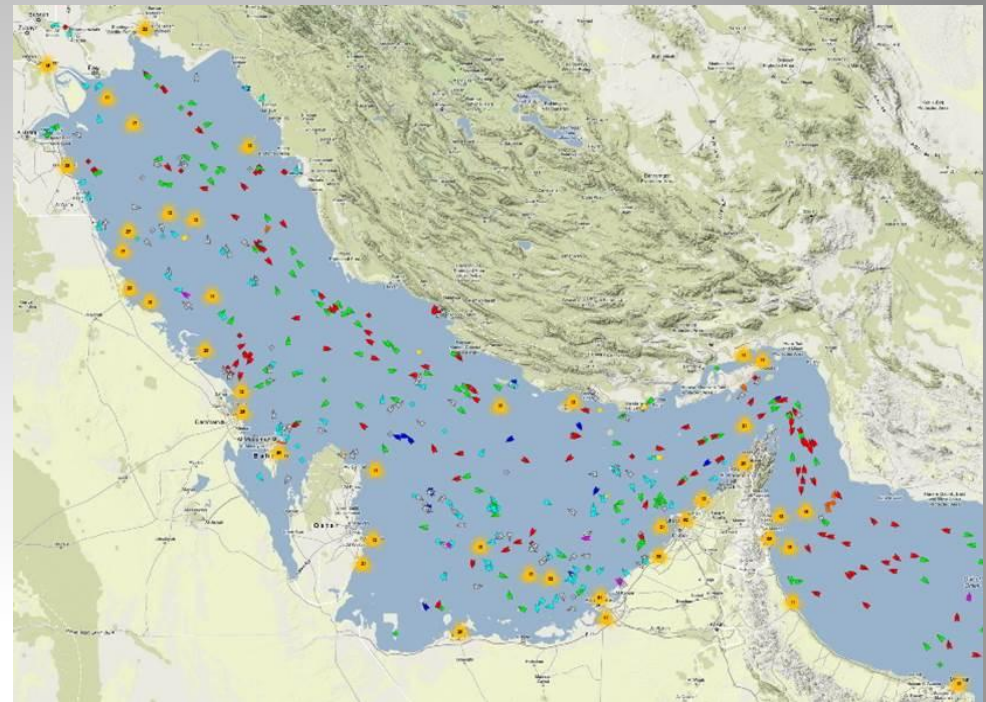


The Academy's Task



ROPME Sea Area Region

Regional States	
Regional States	IALA Member
Bahrain	No
Iran	Yes
Iraq	Yes
Kuwait	Yes
Oman	Yes
Pakistan	No
Qatar	No
Saudi Arabia	No
UAE	Yes



First Deliverable - Training

- Training delivered by an Approved Training Organization or the Academy itself:
 - Four VTS model courses – V-103 series
 - Four Aids to Navigation courses E-141 series
 - E141/1 – Level 1 AtoN Managers
 - Senior Manager – Level 1+
 - Risk Management Workshops (IALA WWA.L1.3)
 - Introduction to e-Navigation (IALA WWA.L1.4)
 - IALA WWA.L2.0 – Level 2 Technicians (33 specialist modules)



Second Deliverable - Capacity Building - the “4As”

- Joint IHO/IALA WWA strategy
- Stage 1: Raising **AWARENESS** through targeted “Level 1+” seminars using a pre-seminar questionnaire
- Stage 2: Request by newly aware States for **ASSESSMENT** of needs leading to.....
- Stage 3: **ANALYSIS** of requirements including the use of available AIS data from all sources to give.....
- Stage 4:recommended **ACTIONS** to achieve full compliance

The Academy Strategy to deliver Committee Outputs

- Target senior management in Competent Authorities
- Use the IALA toolbox to deliver the message



The IALA Toolbox





Capacity Building Deliverables – 2012-14

	Category	2012	2013	2014
Stage 1	Awareness	Bahrain Cape Town Mauritius Thailand Sydney E Atlantic (Portugal) Guatemala	Mauritania Myanmar Riyadh Mombasa Indonesia - VTS Bangkok Singapore Vanuatu St Maarten	SW Pacific East Asia S. Africa India – VTS Caribbean
Stage 2	Assessment		Mauritius Cameroon	East Asia Fiji/SW Pac N. India
Level 1	AtoN manager		Papua New Guinea	IALA HQ France
Risk	Workshops	Sydney	Madrid	Istanbul

Level 1 AtoN Manager Course



- International Certification
- IALA Headquarters – St Germain en Laye, France
- 17th March to 11 April 2014
- Six sponsorships may be available

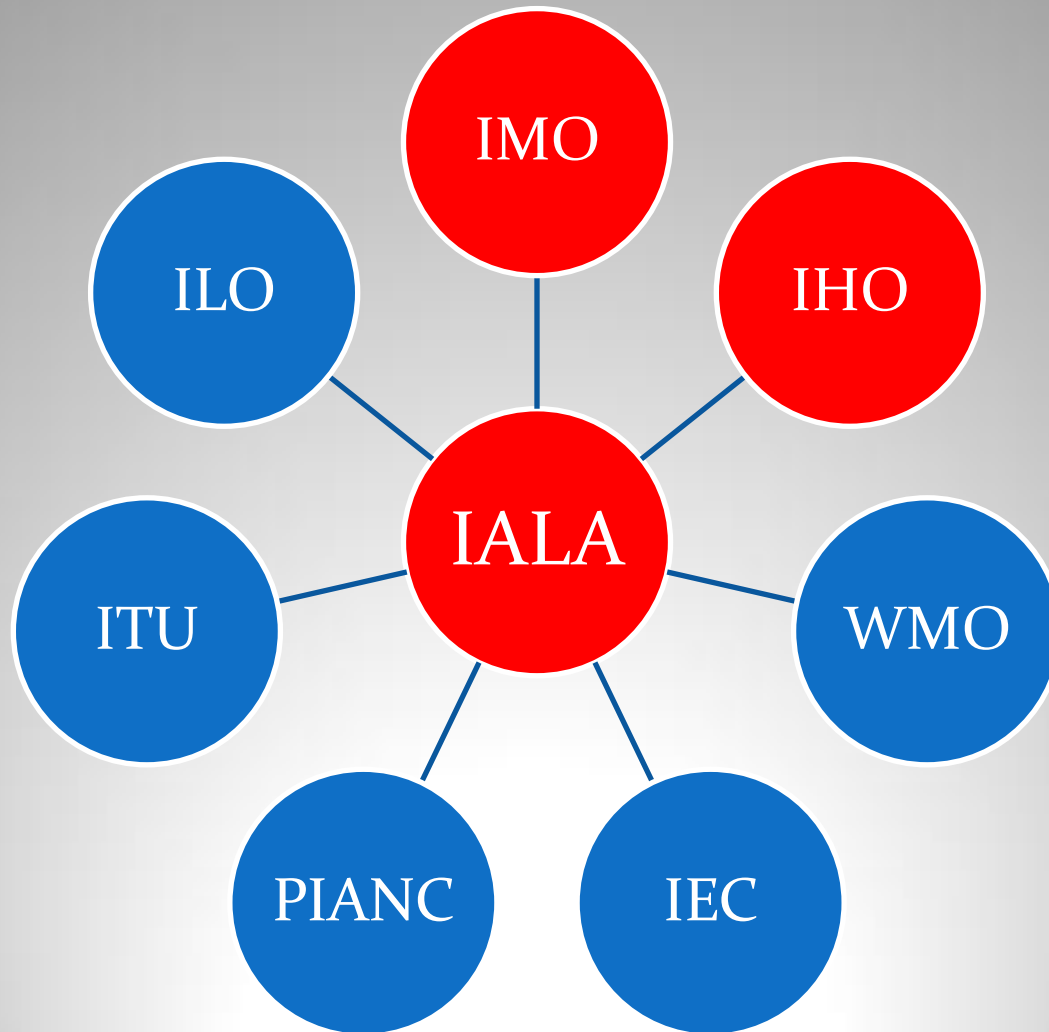


18th IALA Conference 2014



- Pre-Conference Seminar Saturday 24 May 2014
- The World's VTS and AtoN experts attend

IALA and other Organizations



“Delivering as One”



- Academy capacity-building forms part of the United Nations “*Delivering as One*” initiative
- Aim to achieve compliance by National Authorities with international obligations
- Improvement in safety of navigation and the protection of the marine environment on a global basis
- Joint IMO/IHO/IALA seminars continue in 2014



IALA WWA

Questions?

