

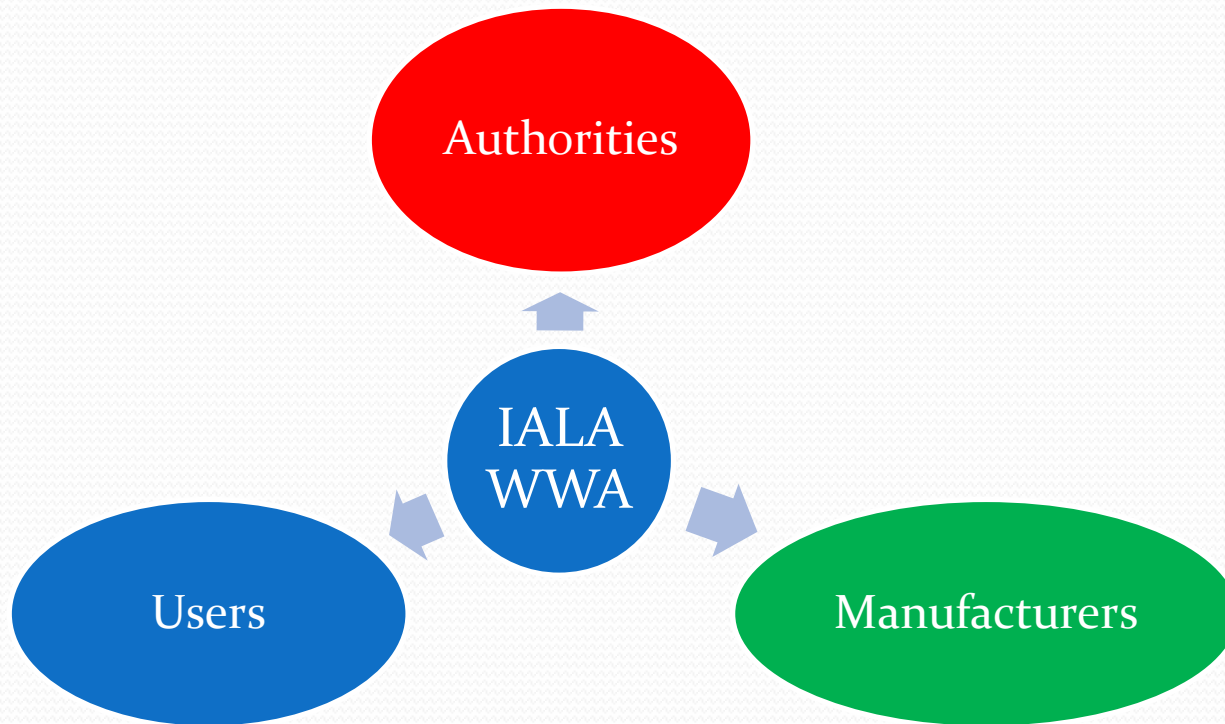
The Role of the IALA World-Wide Academy in supporting the e-Navigation Concept

Presentation to e-Navigation Underway
Stephen Bennett; Programme Manager

30 January 2013

e-Navigation Stakeholders

- IALA Guideline 1079 – User Consultancy

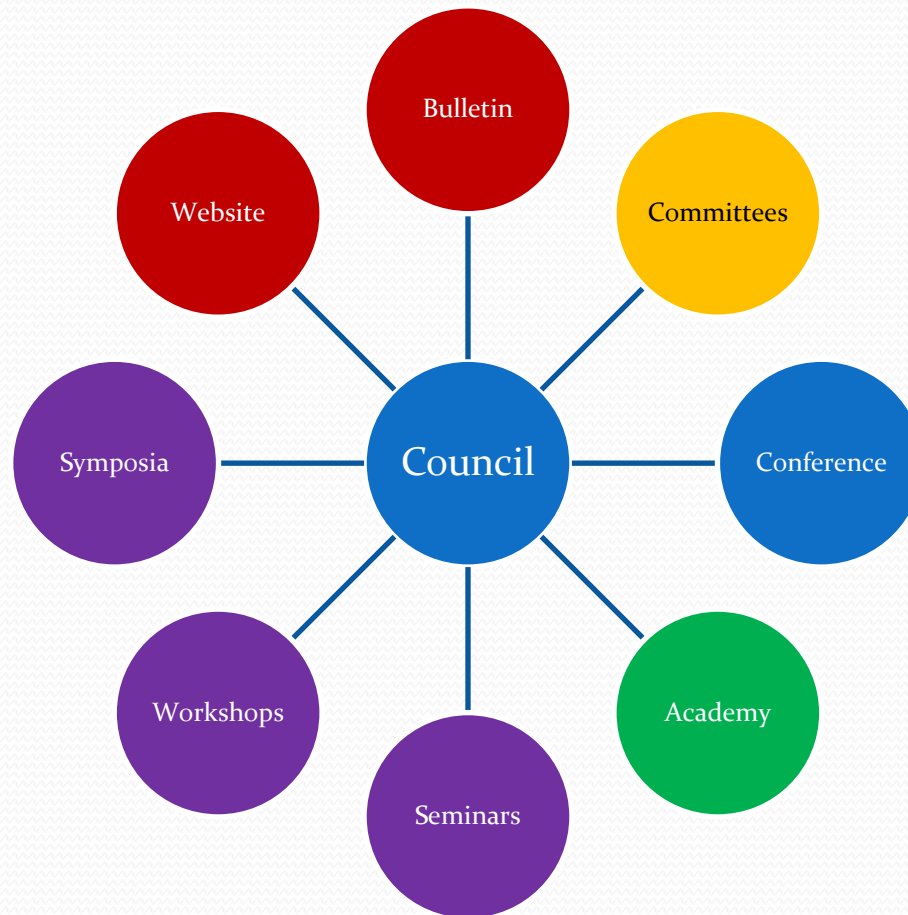


The Academy and e-Navigation Strategy

- Target senior management in Competent Authorities
- Use the IALA toolbox



The IALA Toolbox



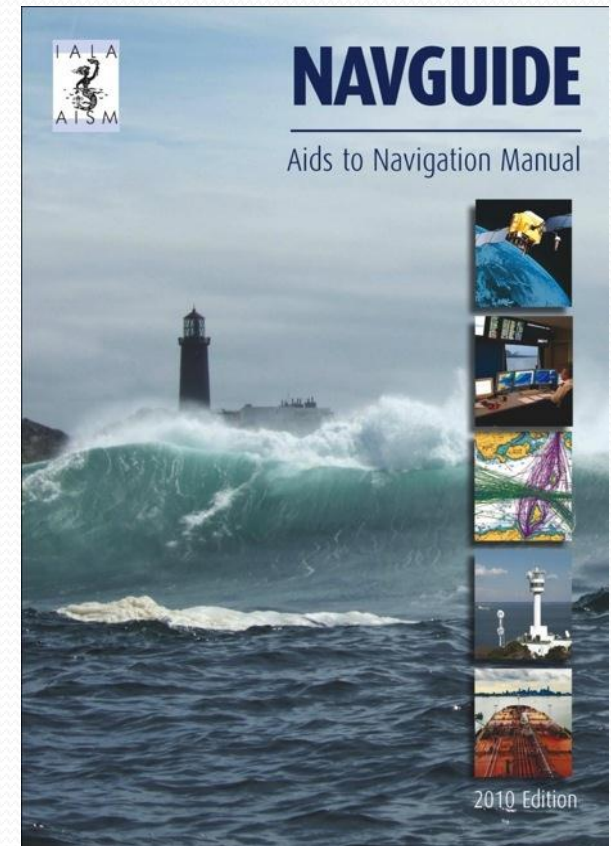
Support to IALA Committees

- Aids to Navigation Management
- Engineering, Environment and Preservation
- Vessel Traffic Services
- e-Navigation



Draft IALA Recommendations and Guidelines

- **Delivered by the Academy....**
- liaising with the
Industrial Members
Committee



The Academy

- *“The IALA World-Wide Academy (WWA) is the vehicle by which IALA delivers training and capacity building”*
- The Academy works closely with the IMO, IHO, WMO, IOC and FIG as part of the UN capacity-building *“Delivering as One”* initiative

e-Nav Support - Training

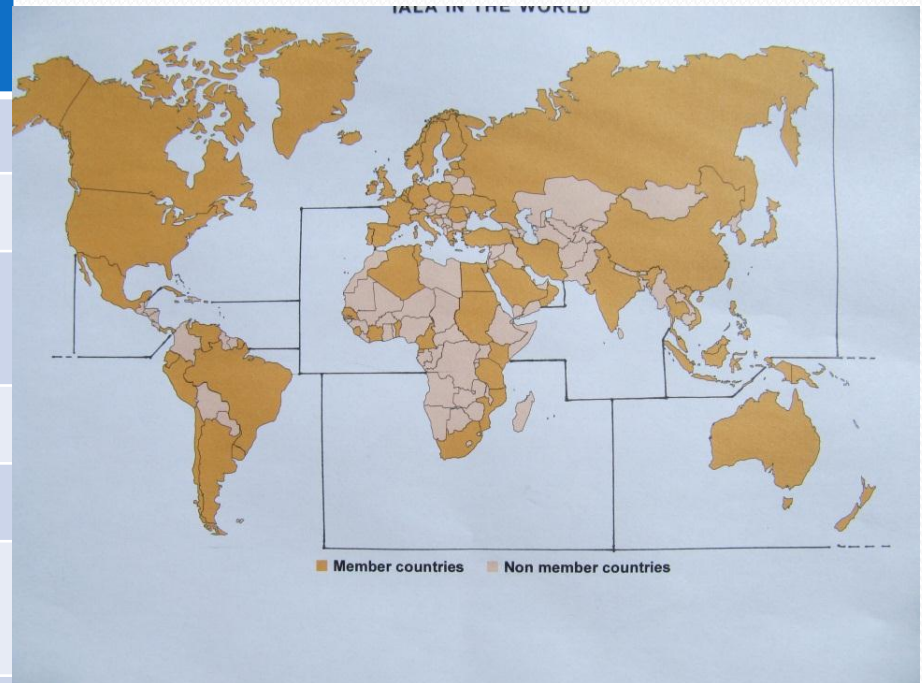
- Training and Model Courses
 - VTS courses – V-103 series
 - Risk Management Workshops (IWRAP II and PAWSA)
 - New model course in preparation [IALA WWA.L1.3]
 - AtoN courses – E-141 Ed 2 (December 2012)
 - AtoN Level 1 Manager – E-141/1
 - One month AtoN Level 1 Manager course at IALA in March 2014
 - AtoN Technician – IALA WWA L2.0
 - 30 specialised model courses – L2.1.1 to L2.11.5
 - Level 1+ Awareness seminars for Senior Managers – E-141/2

e-Nav Support through – 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

Capacity Building Regions

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



Support to e-Nav Concept

Training

- Level 1 model courses
 - 6 e-Nav lectures
- Level 2 model courses
 - e-Nav Committee input to radionavigation module
- Risk Management workshops
 - 4 e-Nav related presentations
- Liaison with Stakeholders including ICS on content

Capacity Building

- Awareness Seminars
 - 2 hour session on e-Nav
 - Common recommendations on adoption of e-Nav elements
 - Join IALA-Net
 - Prepare for Sea Traffic Management concept
 - Consider regional e-Nav test beds

Academy Events to Promote e-Navigation

	Category	2012	2013	2014
Stage 1	Awareness	Bahrain Cape Town Mauritius Thailand Sydney E Atlantic (Portugal) Guatemala	Mauritania Myanmar Riyadh Mombasa Indonesia Thailand Singapore Vanuatu	SW Pacific East Asia S. Africa Gulf
Stage 2	Assessment		Mauritius Cameroon Madagascar	East Asia SW Pacific N. India
Level 1	AtoN manager		Papua New Guinea France	IALA HQ France
Risk	Workshops	Sydney	Madrid	East Asia?

Register of IALA e-Nav Experts

- Potential experts to be nominated by National Members or by individual application
- Forms available on the Academy website (March 13)
- Applications to be vetted by panel from appropriate committee
- IALA Council to endorse experts
- Endorsement to be reviewed after specified time
- Remuneration at UN day rates

Training and Accreditation

- More Competent Authorities follow V-103 T&A process
 - 14 States in Oct 12; 16+ by VTS-36
- New IALA GL on AtoN T&A
- Level 1 AtoN Manager courses in French and English
- Level 2 Technician Syllabus complete by mid 2013
- Rolling review of the 30 L2 model courses
- All T&A publications and documents available on new website – Operational March 2013
- Feedback from Stakeholders via e-Nav Committee

Summary

- Academy supports actively the e-Nav concept
- Training based on Academy model courses
- Capacity Building strategy supports e-Nav
- Experts required to meet Training and CB demands
- Feedback on Academy products through IALA Committee structure

Questions?

