



IALA Level 1 AtoN Manager Courses General Information

Based on IALA Model Course E-141/1

Modules:

- **International Organisations**
- **Nautical Knowledge and Navigation**
- **AtoN Design and Management**
- **Technical Functions of AtoN**
- **Power Supply**



IALA WWA Level 1 AtoN Manager Course
IALA Headquarters
March to April 2014

The IALA World-Wide Academy is the vehicle by which IALA delivers training and capacity building

Level 1 AtoN Manager Course - Considerations

Given the intense nature of a full one month Level 1 AtoN manager course, it is recommended that it be residential with a suitable accommodation package connected to it.

Some participants may not have a nautical background. Module 2 is designed to address that issue and provide a basic competency in an understanding of the maritime environment. Charts and Nautical Publications should be used as an essential training aid to consolidate nautical knowledge training.

The Level 1 AtoN Manager Course is intended to provide an international competency. The recommended language of instruction is therefore English; however a Competent Authority may decide to deliver the course in another language particularly if foreign nationals use that language as one of their native tongues.



Consolidation of Theoretical Training

Competencies gained during theoretical training can be consolidated through practical exercises and external visits.



Level 1 AtoN Manager Course external visit



Interaction between participants is an essential element of the Level 1 AtoN Manager Course

Aids to Navigation Training - General

The objective of The Academy is not to conduct training itself, but to develop and promote the use of its model training courses by Approved Training Organisations (ATO) accredited by National Competent Authorities in accordance with IALA Guideline 1100.

IALA produces a suite of Model courses for AtoN managers and technicians to assist Competent Authorities and ATOs.

• AtoN Manager Training

E-141/1	Level 1 Manager Training
E-141/2	Level 1+ Senior Manager Training
E-141/3	IALA Risk Management Toolbox
E-141/4	Introduction to e-Navigation

• Technician Training

IALA WWA L2.0	Level 2 Technician training (33 specialist modules)
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The IALA World-Wide Academy delivers an annual **Risk Management Workshop** on the use of the IALA Risk Management tools based on Model Course E-141/3.

The Academy has delivered a one month course for potential Level 1 Aids to Navigation managers at its Headquarters in Saint Germain en Laye, France from 17 March to 11 April 2014. Participants who complete the course and its written tests of competency successfully were awarded an IALA Level 1 Certificate for Aids to Navigation Managers.



Level 1 AtoN Manager Course - Objective

The course aims to enable participants to gain an internationally recognised Aids to Navigation Certificate as a basic AtoN Manager. The competencies to be gained include:

- Module 1: A satisfactory understanding of International Organisations and a basic understanding of Law of the Sea
- Module 2A: A basic understanding of nautical knowledge
- Module 2B: A basic to satisfactory understanding of position; navigation; timing and meteorology
- Module 3A: A satisfactory understanding of the provision, design and management of Aids to Navigation
- Module 3B: A basic to satisfactory understanding of maintenance; contracts; the marine environment; historic lighthouses and human resource issues
- Module 4: A basic to satisfactory understanding of the technical functions related to both visual and radio Aids to Navigation including e-Navigation and Vessel Traffic Services
- Module 5: A satisfactory understanding of power supplies used for Aids to Navigation

The full syllabus and levels of competence can be found in IALA Recommendation E-141/1 which is available free of charge on the IALA website: www.iala-aism.org

Course Delivery

The course will be delivered by an Approved Training Organisation supported by IALA-endorsed experts and lecturers from other Member States and IALA Industrial Members. The Academy will facilitate the delivery of such courses as required.

Contact: academy@iala-aism.org

Proposed Attendance

The course is targeted at those who will fulfil the role of Aids to Navigation managers in either the Competent Authorities of IALA Member States or their Aids to Navigation service providers. It is suggested that attendance per class should be limited to 12 participants to enable maximum interaction with lecturers and fellow participants. A recommended list of pre-course study material based on IALA Recommendation and Guidelines can be provided to selected participants.

Suggested Outline Programme

Week One	
Day -1	Participants arrive
Day 1	Induction; Module 1
Day 2	Module 2A
Day 3	Module 2A; 2B
Day 4	Visit to AtoN maintenance facility
Day 5	Tutorials
Days 6 - 7	Weekend (Private Study)
Week Two	
Day 8	Module 2B
Day 9	Progress Test One (Modules 1; 2A; 2B)
Day 10	Module 3A
Day 11	Module 3A
Day 12	Module 3A
Days 13-14	Weekend (Private Study)
Week Three	
Day 15	Module 3B
Day 16	Tutorials
Day 17	Progress Test Two (Modules 3A; 3B)
Day 18	Module 4A
Day 19	Module 4B
Day 20	Module 4D (Saturday morning only)
Day 21	Free day (Private Study)
Week Four	
Day 22	Module 4A; 4B; 4D
Day 23	Module 4C (VTS)
Day 24	Visit to VTS centre
Day 25	Module 5
Day 26	Final examination
	Presentation of Certificates. Course ends