



2 September to 28 September 2025

Notice of China MSA and IALA World-Wide Academy AtoN Manager Model Course to gain IALA Certification as Level 1 AtoN Manager

- IALA and other International Organisations
- Basic Nautical Knowledge
- Introduction to AtoN
- The View from the Bridge
- Technical functions of visual and audible short-range AtoN
- Technical functions of short-range radio AtoN and DGNSS
- Vessel Traffic Services
- Structures, materials and historic lighthouses
- Power supplies
- AtoN Provision; Design and Management
- Maintenance, contracts, funding, human resources and protection of the marine environment
- Major planning task

The Event

China MSA and IALA will run a course for potential Level 1 Aids to Navigation managers in Shanghai, Xiamen Jimei University and Wenzhou AtoN Training Center from 2 September to 28 September 2025. Participants who complete the course and its written

tests of competency will be awarded an IALA Level 1 Certificate for Aids to Navigation Managers by China MSA and IALA.

The course is conducted using IALA's model course L1.1 AIDS TO NAVIGATION MANAGER TRAINING. The model course consists of several parts and the major planning task. It is one of a series of AtoN model courses of IALA. Full details are shown in IALA Recommendation R0141 (E-141). Visits and practical exercises are included to consolidate theoretical competencies gained.

Objective

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

- Module 1A: manage effectively their interaction with IALA and demonstrate a satisfactory understanding of the role of the main international organisations governing and controlling safety of navigation services provision.
- Module 1B: a basic understanding of nautical knowledge related to AtoN.
- Module 1C: a detailed understanding of the IALA Maritime Buoyage System and the ability to apply theoretical principles affecting the performance of Marine Aids to Navigation to the management of AtoN service provision.
- Module 1D: the ability to understand maritime routing measures ; AtoN on offshore structures and the role of a ship's Master and Navigator and their interaction with professional ships' Pilots.
- Module 2A and 2B: the ability to apply both theoretical and practical principles effecting the safe and efficient operation of visual, audible and radio AtoN including the operation of AIS and remote monitoring to the effective management of AtoN service provision and a clear understanding of the e - Navigation concept.
- Module 2C: a basic understanding of the function of VTS as a vital service to safe navigation, commercial efficiency and the protection of the marine and coastal environment.
- Module 2D: how AtoN structures and historic lighthouses can be protected and preserved as part of the effective delivery of AtoN service provision.
- Module 2E: the ability to select the most appropriate source of electrical power at AtoN stations; maximise battery life and to provide protection against the effects of lightning.
- Module 3A: the ability to apply internationally acceptable principles of navigation risk analysis to the effective management of AtoN service provision.
- Module 3B: the ability to work effectively as part of an AtoN management team tasked with the preparation and conduct of AtoN supply and/or maintenance contracts and projects whilst ensuring that the marine environment is properly preserved.
- Major planning task: generate all the major planning and management documents required by a fully competent national Competent Authority. This task aims to consolidate all the theoretical competencies gained during Modules 1, 2 and 3.

Course Delivery

The course will be delivered by the expert of IALA World-Wide Academy, and the experts endorsed by China MSA. Adequate time will be available for revision and tutorials.

Attendance

The course is mainly targeted at those who will fulfill the role of Aids to Navigation managers in the Competent Authorities of Asia Countries. The working language will be English. Participants should have a good ability of English. If Candidates have scored IELTS Band 5 or equivalent, you will have the priority to participate in the course. In addition, participants should satisfy one of the following conditions:

- A degree in engineering or related sciences;
- A degree from an accredited maritime college;
- A seagoing Master's Certificate or equivalent military naval qualification;
- A diploma in an engineering or related science and at least 3 years' fieldwork experience;
- A recognised qualification in a marine-related discipline (e.g. IHO hydrographic certificate);
- At least 2 years' work experience with a recognised AtoN service provider in a junior management capacity.

There is a limit of 16 international participants in the course. Participants should provide their own laptop. All other course materials will be supplied.

Before the course, China MSA will evaluate the candidates who applied for the course and determine the final enrolled participants. A recommended list of pre-course study material based on IALA Recommendation and Guidelines will be provided to selected participants.

Fee Structure

All participants will be responsible for funding their own return international airfares and visa application fees. China MSA will undertake all cost of training, accommodation, food and transportation in China. Invitation letters will be supplied if required.

Note that the deadline for initial application is June 30, 2025. The list of accepted participants will be published on July 15, 2025.

Outline Programme

2 September ----7 September 2025, the 1st week (Shanghai, Xiamen)

- 2 September: Participants arrive
- 3 September: Opening Ceremony; Visiting China Chart Center
- 4 September: Visiting Shanghai Maritime Museum and Shanghai Yangshan Port
- 5 September: Visiting Shanghai Aids to Navigation Division
- 6 September: Travel to Xiamen
- 7 September: Module 1

8 September ----14 September 2025, the 2nd week (Xiamen)

- 8 September ----14 September 2025, the 2nd week (Xiamen)
- 8 September: Module 1
- 9 September: Module 1
- 10 September: Module 1 Self-study
- 11 September: the 1st test (Module 1); Module 2
- 12 September: Module 2
- 13 September: Module 2
- 14 September: Self-study

15 September ----21 September 2025, the 3rd week (Xiamen, Wenzhou)

- 15 September: Module 2
- 16 September: Travel to Wenzhou
- 17 September: Module 2
- 18 September: M Module 2 ;Self-study
- 19 September: the 2nd test (Module 2);Seminar on AtoN Management
- 20 September: Visiting historic lighthouse---Jiangxin Islet
- 21 September: Self-study

22 September ----28September 2025, the 4th week (Wenzhou)

- 22 September: Module 3
- 23 September: Module 3
- 24 September: Module 3
- 25 September: Module 3
- 26 September: AtoN planning
- 27 September: AtoN planning; Closing Ceremony
- 28 September: Participants Disperse



Registration Form

China MSA and IALA World-Wide Academy course to gain a Certificate as a Level 1 AtoN Manager

2 September to 28 September 2025
Shanghai/Xiamen/Wenzhou

Note that the deadline for initial application is June 30, 2025.

Surname : _____ Initials : _____

First name: _____

Gender.: _____

Country: : _____

Organisation or Company: _____

Address: _____

Telephone: _____

Mobile: _____

e-mail: _____

Fax: _____

Pre-qualification procedures apply. I understand that this registration does not guarantee a place on the course. Neither will any charge be made until final selection has been made.

I agree

The completed form should be sent by June 30, 2025 to:

E-mail: 715858673@qq.com

Contact phone: 0577-88316137

(86)15869610378

