



9 October to 2 November 2018

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

China MSA Aids to Navigation Training Center

- 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 Differential GNSS
- 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

China MSA Aids to Navigation Training Center is accredited by China MSA and IALA, and it is a professional training institution which delivers AtoN training and capacity building.

The Event

China MSA Aids to Navigation Training Center will run a course for potential Level 1 Aids to Navigation managers in Shanghai, Xiamen Jimei University and Wenzhou AtoN training center from 9 October to 2 November 2018. 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 three modules and the major planning task. Each module is divided into two or more parts. 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 get a satisfactory understanding of the role of the main international organisations governing and controlling safety of navigation.
- 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 AtoN to the management.
- Module 1D: the ability to understand maritime routing measures 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.
- 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 chief instructor, the Vice Dean of IALA World–Wide Academy, Mr. Stephen BENNETT. He will deliver the lectures with the experts endorsed by China MSA. Adequate time will be available for revision and tutorials.

Attendance

The course is targeted at those who will fulfill the role of Aids to Navigation managers in either the Competent Authorities of IALA Member States along the “Belt and Road” . The working language will be English. Participants should have a good ability of English and 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 participants and 12 places will be reserved for international participants. Participants should provide their own laptop. All other course materials will be supplied.

Before the course, China MSA will use the IALA WWA’s standard questionnaire to 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 and transportation in China. Invitation letters will be supplied if required.

IALA WWA may sponsor international airfares to international participants of its target countries.

Note that the deadline for initial application is June 15, 2018. The list of accepted participants will be published on July 15, 2018.

Outline Programme

9 October —14 October 2018, the 1st week (Shanghai, Xiamen)

9 October: Participants arrive

10 October: Opening Ceremony; Visiting Shanghai VTS Center and China Chart Center

11 October: Visiting Shanghai AtoN Base; Travel to Xiamen

12 October: Module 1A; 1B

13 October: Module 1B; 1B

14 October: Module 1B; 1C

15 October —21 October 2018, the 2nd week (Xiamen)

15 October: Module 1C

16 October: the 1st test (Module 1); Module 2A

17 October: Module 2A

18 October: Module 2A

19 October: Module 2B

20 October: Self–study

21 October: Travel to Wenzhou

22 October —28 October 2018, the 3rd week (Wenzhou)

22 October: Module 2C

23 October: Module 2D; 2E

24 October: the 2nd test (Module 2); First Aids

25 October: Visiting historic lighthouse—Jiangxin Islet

26 October: Module 3A

27 October: Module 3A

28 October: Module 3B

29 October — 2 November 2017, the 4th week (Wenzhou, Shanghai)

29 October: Module 3B

30 October: Module 2D; 2E

31 October: the 3rd test (Module 3); AtoN planning; Leadership

1 November: AtoN planning; Travel to Shanghai

2 November: Closing Ceremony



Brief Introduction to Wenzhou AtoN Training Center



Wenzhou AtoN Training Center located in Dongtou District, Wenzhou City, Zhejiang Province, the "Pearl of the East China Sea", has a beautiful environment and

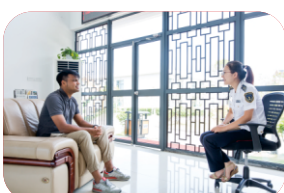
convenient transportation. The Center was built in early 2013 and covers an area of 23 acres. It is currently the only professional AtoN training institution that has got authentication from China MSA.

In accordance with the IALA WWA "Model Course Overview on Level 2 Technician Training", combined with the application of Chinese AtoN, the Center has developed a large number of standardized training courses for AtoN technician, and gained the authorization of Level 1 AtoN Manager Training Course of IALA WWA in 2015.

In order to promote the effectiveness of all kinds of training courses, Wenzhou AtoN Training Center has gradually established modernized training facilities, including multi-media classroom, computer classroom, chart room, lantern laboratory, AtoN cultural exhibition center. At the same time, the center has 24 modernized dormitories, a beautiful restaurant, a well-stocked reading room and other living facilities to offer better living circumstances for participants.

In October 2014 and May 2015, Mr. Jean-Charles Leclair, Dean Emeritus of IALA WWA and Mr. Stephen BENNETT, Vice Dean of IALA WWA successively inspected Wenzhou AtoN Training Center, and gave a high evaluation to the Center. In September 2017, Mr. Omar Frits Eriksson, Dean of IALA WWA also came to the center to deliver the lectures.

From 2015 to 2017, Wenzhou AtoN Training Center has successfully delivered three international level 1 AtoN manager model courses and provided training for 42 high-level AtoN managers from South Africa, Russia, India, Thailand, Vietnam, Cambodia, Sri Lanka, Malaysia, Indonesia, Georgia, Brazil, Singapore, Myanmar, Brunei and China. IALA WWA believes that China is leading Level 1 training from the front.



Brief Introduction to Jimei University

Jimei University, one of the key universities in Fujian Province, is a multi-disciplined university and Doctoral Degree granting unit under co-construction of Ministry of Transport and Fujian province.



Jimei University enjoys a long history of over 90 years. Its origin can be traced back to Jimei Normal School founded by the famous patriotic overseas Chinese leader Mr. Chen Jiageng (Tan Kah Kee) in 1918. The school motto Sincerity and Perseverance was set up by Mr. Chen Jiageng and his younger brother Mr. Chen Jingxian (Tan Keng Hean). Jimei University owns excellent teaching quality and outstanding school characteristics. Running the university in the spirit of Chen Jiageng, cultivating talents with the personality of sincerity and perseverance is its distinctive feature.

With the strong educational strength and perfect conditions, Jimei University has an integration of 20 colleges and offers 56 postgraduate programs, 2 course master's programs in 10 fields and 66 undergraduate programs in nine disciplines: Engineering, Agronomy, Economics, Administration, Pedagogy, Science, Literature, Law and art. Presently, Jimei University has a total enrolment of more than 26,000 full-time students and over 1500 full-time teachers, among whom, over 200 professors and 580 associate professors. It has 4 characterized major construction projects at the national level, one state-level teaching team, one state-level modal center for experimental teaching, 11 characterized major construction projects at the provincial level, 37 provincial quality courses, 7 provincial teaching teams, and 9 provincial or ministerial key laboratories and research centers. Its library has a total collection of more than 2.28 million volumes, with over 2,700 newspapers and magazines in both Chinese and foreign languages. The library also owns a Digital Information Retrieval Center. Maritime education and Fisheries are the main features and specialties of Jimei University.



Registraton Form

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

**9 October to 2 November 2018
China MSA Aids to Navigation Training
Center
Shanghai/Xiamen/Wenzhou**

Note that the deadline for initial application is June 15, 2018.

Surname Initials

First Name

Mr/Mrs/Dr/Capt etc.

Country

Organisaton or Company

Address

.....

Mobile

Telephone

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 15, 2018 to:

**E–mail: 715858673@qq.com
luyongqiang@shmsa.gov.cn**

**Contact phone: 0086 577 6347 9996
0086 158 6961 0378**

