



Notice of an
IALA World-Wide Academy Course to
gain IALA Certification as

Level 1 AtoN Manager:

- **Introduction to the Marine Environment and Aids to Navigation**
- **Technical functions of Visual; Radio and Audible AtoN; Vessel Traffic Services**
- **AtoN Provision Design and Management**
- **Maintenance; Contract; Environmental Matters and Human Resources Issues**

05th March to 30th March 2018

MATRIN
Marine Department Malaysia
Port Klang, Malaysia

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

Accommodation

Accommodation (Apartment) will be at MATRAIN. Each apartment consists of 3 rooms equips with bathroom, television, iron and air-conditioned

Toiletries, such as tooth brush and paste, soap, shampoo, shaving equipment, etc. are recommended to bring.

Meals

MATRIN will provides 5 times a day :-

- 07.00 - 08.00 am : Breakfast
- 10.00 - 10.30 am : Morning Tea
- 12.30 - 02.00 pm : Lunch
- 16.00 - 16.30 pm : Afternoon Tea
- 18.00 - 20.00 pm : Dinner

Initial Registration Form



IALA World-Wide Academy One
month course to gain a Certificate as
a Level 1 AtoN Manager
05 March – 30 March 2018

Note: Deadline for Applications is 05 January 2018

Surname Initials

First Name

Title: Mr/Mrs/Dr/Capt etc.

Country

Organisation or Company

Address

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.....

.....

Telephone

e-mail

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



The completed form should be scanned and sent to:

e-mail: academy@iala-aism.org
Fax: +33 1 34 51 82 05
Post: 10,rue des Gaudines
78100 Saint Germain-en-Laye, France

The Event

The IALA World-Wide Academy will run a one month course for potential Level 1 Aids to Navigation managers at MATRAIN, Marine Department Malaysia, Port Klang Malaysia from 05 March to 30 March 2017. Participants who complete the course and its written tests of competency will be awarded an IALA Level 1 Certificate for Aids to Navigation Managers. This principally theoretical course covers the complete syllabus for Level 1 AtoN Managers set out in IALA Model Course E-141/1. Visits and practical exercises are included to consolidate theoretical competencies gained. It is one of a series of AtoN courses. Full details are shown in IALA Recommendation E-141.

Previous sea experience is an advantage but is not a mandatory requirement as general nautical knowledge is included in Module 1. Module 1 will be streamed to permit a common standard of basic nautical knowledge to be acquired before the start of Module 2.

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 1A satisfactory understanding of the IALA and other international organisations
- Module 1B: A basic understanding of Nautical Knowledge, MSI and Meteorology
- Module 1C: A basic to satisfactorily understanding of AtoN and MBS
- Module 1D: A basic understanding of a ship's Master and Pilot
- Module 2A: A satisfactory understanding of the Technical aspects and functions of visual and audible short-range AtoN.
- Module 2B: A satisfactory understanding of the Technical aspects and functions of satellite and terrestrial radio AtoN
- Module 2C: A basic understanding of the principles of VTS
- Module 2D; A basic understanding of the structures, material and historic lighthouse
- Module 2E; A satisfactory understanding of power supplies used for AtoN;
- Module 3A; A satisfactory understanding of the Provision, Design and Management of AtoN

- Module 3B; A basic to satisfactory understanding of the Maintenance, contracts, funding, human resources and protection of the marine environment.

Note that the full syllabus and levels of competence can be found in IALA model course E-141/1 which is available free of charge on the IALA website.

Course Delivery

The course will be delivered by members of the Academy staff; IALA-endorsed experts and lecturers from other Member States and Industrial Members.

Adequate time will be available for revision and tutorials.

Attendance

The course is targeted at those who will fulfil the role of Aids to Navigation managers in either the Competent Authorities of Coastal States or their Aids to Navigation service providers. The participants can converse and write good **English**. There is a limit of **12** participants. Each of whom should provide their own Microsoft Windows enabled laptop and mathematical calculator. All other course materials will be supplied.

4 places will be reserved for participants from developing countries on the Academy's target list for capacity building. Sponsorship options will be investigated on request.

A recommended list of pre-course study material based on IALA Recommendations and Guidelines will be provided to selected participants.

Participants will be responsible for their visa application and fees. Invitation letters will be supplied if required.

Note that the deadline for initial application is 5 January 2018. Participants selected for the course will be notified by 20 January 2018.

Outline Programme

Week One 5 March – 11 March 2018	
4 March	Participants arrive
5 March	Induction; Module 1 A ; 1 B
6 March	Module 1B
7 March	Module 1C
8 March	Visit AtoN Base/Hydrographic Centre
9 March	Visit Malaysia Marine Department
10-11 March	Free weekend
Week Two 12 –18 March 2018	
12 March	Module 1C
13 March	Progress Test One (Modules 1A,1B,1C) Module 2A
14 March	Module 2A
15 March	Module 2A;2B
16 March	Module 2B
17 March	Visit DGNS
18 March	Free weekend
Week Three 19 – 25 March 2018	
19 March	Visit VTS Centre
20 March	Module 2D:2E
21 March	Progress Test Two (Modules 2A-2E) Module 3A
22 March	Module 3A
23 March	Resit exam
24 March	Free weekend/revision
25 March	Free weekend/revision
Week Four 26 - 30 March 2018	
26 March	Module 3A
27 March	Module 3B
28 March	Progress Test Three (Modules 3A;3B)
29 March	AtoN Planning
30 March	Presentation of Certificates Closing Ceremony
31 March	Departure from MATRAIN