



Government of India
Ministry of Shipping
Directorate General of Lighthouses and Lightships



23 July to 17 August 2018

INDIA DGLL – IALA MODEL COURSE LEVEL 1 ATON MANAGER
Marine Navigation Training Institute (MNTI) - Kolkata

THE EVENT

Marine Navigation Training Institute (MNTI) Kolkata will run an IALA model course on “Level 1 Aids to Navigation (AtoN) Managers” at Kolkata, India from 23rd July to 17th August 2018. Participants who complete the course and qualify in the written test of competency will be awarded a Level 1 AtoN Manager Certificate by MNTI. Theoretical course principally covers the complete syllabus for Level 1 AtoN Managers set out in IALA Recommendation E – 141. Visits and practical exercises are included to consolidate theoretical competencies gained.

OBJECTIVE

The course aims to enable participants to gain an internationally recognised Aids to Navigation as a Level - I AtoN Manager Certificate. The competencies to be gained include: • Module 1: International Organisation and Law of the Sea • Module 2A: Nautical Knowledge (General) • Module 2B: Position, Navigation, Timing and Meteorology • Module 3A: AtoN Provision; Design and Management • Module 3B: Maintenance; Structures and Materials; Contracts; Environment; • Module 3C: Historic Lighthouses and Human Resources • Module 4A: Technical Functions – Visual AtoN • Module 4B: Technical Functions – Radio AtoN and AIS • Module 4C: Technical Functions – VTS and Routing • Module 4D: Technical Functions – Sound Signals; Communication; e-Navigation; Tide Gauges; Remote Monitoring • Module 5: Power Supply.

COURSE DELIVERY

The course will be delivered by the faculties of IALA World-Wide Academy, MNTI and endorsed experts from the field. Adequate time will be given for revision and tutorials.

ATTENDANCE

The course is targeted at those who plays/shall play the role of Aids to Navigation Managers in the Competent Authorities of Coastal States or their Aids to Navigation service providers. The language of training will be English. Maximum batch size is limited to 16 participants only. Participants are advised to bring their own laptop (not mandatory). All other course materials will be supplied by the MNTI.

FEE STRUCTURE

❖ Tuition Fee

- ‘Nil’ for the participants nominated by national members of IALA, Major ports/State Maritime Boards/ State Maritime Authorities of India.
- INR 1,00,000 for private candidates

*Note: Tuition fee shall include working lunch/Tea and snacks during training.

❖ Boarding, Lodging and Transportation

- Free of cost for participants nominated by national members of IALA.
- Private candidates and nominees of Major ports/ State Maritime Boards/ State Maritime Authorities make their own arrangements.

The details of account are mentioned below for online fee submission.

Name of the Bank: Syndicate Bank, PAO LHLS
Noida - 201301
Account Name: LHLSNOIDABRANCH
Account Number: 88983170000020
IFSC Code: SYNB0008898

VENUE

The course will be held at the Marine Navigation Training Institute, Kolkata, India.

PROGRAMME OUTLINE

Week One 23rd July to 29 July 2018	
22-Jul-2018	arrival of Participants
23-Jul-2018	Induction, Administration brief, opening ceremony, Course introduction, Introduction to IALA, Principles of navigation, Position at sea, Chart exercises
24-Jul-2018	Charts; vertical datum, Chart symbol exercise, Tides and tidal flow, Under Keel Clearance, Nautical Publications, GMDSS and MSI, Electronic charts/ECDIS
25-Jul-2018	UNCLOS 82, Basic Meteorology, IALA MBS/buoy positions, Floating AtoN, IALA MBS
26-Jul-2018	Electronic Position Systems, Routing; offshore struct, Tutorials, Pilotage; Bridge Management, The Mariners' view
27-Jul-2018	Revision and tutorials, Module test - 1
28-Jul-2018	Weekend Free
29-Jul-2018	Weekend Free
Week Two 30th July to 05th August 2018	
30-Jul-2018	Module 1 exam results, Tech functions of visual AtoN, The measurement of light, intensity exercises,
31-Jul-2018	Module 1 resit/viva exam, Technical visit
01-Aug-2018	Quiz on lectures 18-19, Light characters, Light character exercise, Fixed AtoN, Floating AtoN, Moorings and top marks, Channel design, Channel design exercise
02-Aug-2018	Quiz on lectures 18-21, Sector lights and LL, Precision Drin Lt exercise, Range of lights – practical, Sound Signals, Tutorials
03-Aug-2018	Quiz on lectures 18-26, Tech aspects of Radio AtoN, Loran; Chayka and e-Loran, WWRNP; GNSS; PNT, Introduction to AIS,
04-Aug-2018	cultural visit
05-Aug-2018	Weekend Free
Week Three 06th August to 12th August 2018	
06-Aug-18	Quiz on lectures 18-31, GMDSS and IALA MRCP, Introduction to e-Nav, Technical aspects of eNav, Remote Monitoring, Tutorials
07-Aug-18	VTS, visit VTS Centre
08-Aug-18	Quiz lectures 18-36, Structures and Materials, Historic Lighthouses, complementary use exercise, Types of Power Supply, Batteries and lightning Pr'n, Tutorials
09-Aug-18	Module 2 Test, Module 2 Result, First Aid
10-Aug-18	Module 2 resit/viva exam, AtoN Provision, Stakeholder exercise, Level of Service, The Operational Plan, LoS website exercise, Tutorials
11-Aug-18	Weekend Free
12-Aug-18	Weekend Free
Week Four 13th August to 17th August 2018	
13-Aug-18	Quiz lectures 41-43, Reviews and Planning, Performance Measurement/QM, Availability exercise
14-Aug-18	Quiz lecture 41-47, AtoN Service Delivery, Maintenance, Contracts, Funding AtoN services, Funding exercise, Protection of Environment, Human Resources
15-Aug-18	National Holiday
16-Aug-18	Module 3 Test, Module 3 Result, AtoN Planning, Module 3 viva exam, Major planning task
17-Aug-18	Major planning task, Award of Certificates, closing Ceremony

CONTACT US

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