MARINE NAVIGATION TRAINING INSTITUTE
KOLKATA · INDIA

Aids to Navigation (AtoN) Managers

IALA Model Course L 1.1

Four-week internationally recognised certification course.

COURSE DATES

19 October to 13 November 2026

Marine Navigation Training Institute (MNTI)

Kolkata, India

Organised by Directorate General of Lighthouses and Lightships (DGLL), Ministry of Ports, Shipping and Waterways, Govt. of India.

Become an internationally recognised AtoN Manager

16

participants maximum

IALA Accredited Training Organisation

MNTI is an IALA Accredited Training Organisation. India (DGLL) is the single point of contact for AtoN capacity building across 12 North Indian Ocean Rim countries and 3 other littoral states.

English-language delivery

Faculty from the IALA World-Wide Academy, MNTI and field/domain experts.

Theory and practice

The full IALA syllabus, practical exercises, and technical and cultural tours on weekends.

Certificate from MNTI

Awarded on passing the written test of competency.

Who should attend

AtoN managers of coastal-state authorities, AtoN service providers, ports and waterways.

What you will master: 03 modules

Module 1 IALA and international organizations; basic nautical knowledge; introduction to AtoN; the view from the bridge.

Module 2 Visual and audible short-range AtoN; radio AtoN and Differential GNSS; Vessel Traffic Services; structures, materials and historic lighthouses; power supplies.

Module 3 AtoN provision, design and management; maintenance, contracts, funding, human resources and protection of the marine environment.

Four-week programme

Week	Focus
Week 1	Foundations of Navigation
Week 2	Technology of AtoNs
Week 3	Structures and Power Supplies
Week 4	Design and Management, group presentation, tests and award of certificates on 13 November

Who can join, and what it costs

Entry requirements

IELTS level 5 or equivalent, plus one of the following:

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

Tuition Fee

Free for nominees of IALA, IALA national members and Indian ports or state maritime authorities.

INR 1,00,000 + 18% GST

For private candidates, including lunch, tea and snacks.

Stay

Free for nominees of IALA national members.

Rs 1,000 per day

Accommodation can be booked at MNTI @Rs.1000 per day for twin-sharing accommodation with breakfast and dinner, first come first served.

Bring a laptop (optional); all course materials are supplied.

Your venue: Kolkata, a heritage maritime city

MNTI located in the cultural and educational hub of West Bengal, home to one of India's oldest ports.

OCTOBER AND NOVEMBER

18 to 28 °C

Favourable weather

35 km

From Netaji Subhash Chandra Bose International Airport

12 km

From Howrah and Sealdah stations

Airport and station pick-up and drop arranged by the institute.

ARRIVAL
18 October

DEPARTURE
14 November

Apply and contact

Marine Navigation Training Institute

Directorate of Lighthouses and Lightships
Deep Bhavan, D372/2, Taratalla Road
Kolkata 700088, India

Phone/fax/Mobile

033-24017660/+919579207379

Email

mnti@dgll.gov.in
dte-kol@gov.in

Online

www.dgll.nic.in
www.dgllmnti.in

Payment and accommodation

Fees are paid online to Canara Bank (Kidderpore branch), account name Director, LHLS, Kolkata-700023.

Request accommodation by email.