

MENAS MARITIME OPERATIONS CENTRE



MIDDLE EAST NAVIGATION AIDS SERVICE

Road 3931, Block 339, Building 1191, Um Al Hasam, Manama, Bahrain

IALA LEVEL2 TRAINING for ATON TECHNICIANS/ENGINEERS

WEEK #1-3 TRAINING COURSE ON

‘AIDS TO NAVIGATION BUOYAGE, MOORING SYSTEM & SHORE MARKS, ATON PAINTING, RACON, AIS, LANTERNS & ATON REMOTE MONITORING’

Q4-2024

INTRODUCTION

Middle East Navigation Aids Services “MENAS” will launch IALA Level 2 accredited training course for AtoN Technicians/Engineers which is the first of its kind in the Middle East in partnership with the International Maritime Aid Association for Navigation and Lighthouse Authorities (IALA) and Trinity House (TH) in November of this year.



The course will be delivered in a period of three weeks, divided between two theoretical weeks that are offered remotely via MS Team and one practical week via attendance at the MENAS Training Centre.

The course is intended to provide technicians/Engineers with the theoretical & practical training necessary to have

understanding of the types, function of marks, the lights, Racons, AIS, Remote monitoring, floating AtoNs, shore marks, power system, maintenance of the buoys, buoy handling, AtoN painting, positioning of floating AtoN, mooring system and other equipment's that can be fitted on AtoNs.

This course is intended to be supported by further practical aspects & site visits covering buoy handling, moorings, deployment and maintenance.



OBJECTIVES

Upon successful completion of this course, participants will have acquired sufficient knowledge in all topics related to maintenance of Aids to Navigation according to IALA requirements and will have sufficient skill to

understand & recognise the types and functions of marks, the lights, other aids to navigation fitted to them, positioning of a floating AtoN, the principles of remote monitoring of AtoN, types and functions of fixed AtoN used by their organizations.

TARGETED PERSONS

The course is targeted at those involved in the maintenance of fixed & floating AtoN at both shore and offshore and will be directed **exclusively to governmental and semi-governmental entities** within the GCC region to enhance the maintenance level of Aids to Navigation in the region and to achieve the aspirations of IMO safety of navigation.

REGISTRATION & SEAT LIMITATION

There is a limit of 16 participants, so the trainee will require a letter from his employer to complete the registration as this course is directed exclusively to governmental and semi-governmental entities only.

PROGRAMME

The complete course comprises 11 IALA modules that each deals with a specific subject covering aspects of IALA and its publications. (see the provisional programme)

LANGUAGE: The working language of the course will be English and supported with Arabic.

PROVISIONAL PROGRAMME

Week 1

- **Theory (Online)** IALA standards NAVGUIDE/Maritime Buoyage System MBS, introduction buoys/lights sources, moorings, buoy positioning & shore marks) DC power system, battery maintenance (short Test for week 1)

Week 2

- **Theory (online)** buoy cleaning, maintenance of steel/plastic buoys, Buoy handing/deployment, paint coating & specification, Surface preparation & introduction to service craft. (short Test for week 2)

Week 3

- **Theory & Practical (MENAS base)** Revision of Week 1 & 2, and practical training covering all topics including buoy handing/deployment, Surface preparation & painting, & introduction to service craft. (Final test & certificate presentation)

VENUE

The course week 1 & 2 will be online via MS Teams and week 3 will be held at MENAS Headquarters, Road 3931, Block 339, Building 1191, Um Al Hasam, Manama, Kingdom of Bahrain

HOTELS

MENAS rate available for the following hotels: - Gulf Hotel, Ramada Hotel, Royal Phoenixia Hotel

CONTACT

For further information please contact the MENAS Training Centre through: info@menas.com.bh, jaffer@menas.com.bh

Tele: [+973 17828541](tel:+97317828541), Mobile: [+973 39628541](tel:+97339628541)

REGISTRATION AND FEES

The fee is: BD 450 (\$ 1200)

The fees cover: Participation to all session, all material presented at the course, breaks beverages, Site visits to floating & fixed AtoN.

REGISTRATION FROM

TRAINING COURSE ON IALA LEVEL2 "ATON
TECHNICIANS/ENGINEERS, WEEK 1-3:



ROAD 3931, BLOCK 339,
BUILDING 1191, UM AL HASAM, MANAMA,
KINGDOM OF BAHRAIN.

TRAINING MODULES COVER:

- INTRODUCTION TO AIDS TO NAVIGATION & BUOYAGE SYSTEM
- INTRODUCTION TO SHORE MARKS'
- INTRODUCTION TO BUOYAGE POSITIONS,
- INTRODUCTION TO REMOTE MONITORING, AIS & RACON
- DC POWER SYSTEMS
- PRIMARY AND SECONDARY BATTERY MAINTENANCE
- PHOTOVOLTAIC (SOLAR PANEL) SYSTEMS AND MAINTENANCE
- BUOY CLEANING & COATINGS
- MAINTENANCE OF PLASTIC & STEEL BUOYS
- BUOY HANDLING AND SAFE WORKING PRACTICES
- BUOY DEPLOYMENT AND RETRIEVAL

Participant's details Payment details

Surname (family name):

First name (given name):.....

Title (Mr. /Mrs.etc.):

Organisation or company:.....

Address:.....

.....

Country:

Phone (incl. country code):.....

Mobile (incl. country code):

E-mail:.....

Dietary requirements (please specify):

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I need an invitation letter from MENAS for visa purposes:

Yes No

I will be accompanied by:

Payment details

by enclosed cheque or bank draft in Bahrain Dinar or US Dollar.

by bank transfer on receipt of an invoice

Other requirements (please specify

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CANCELLATION POLICY All cancellations must be sent by e-mail to info@menas.com.bh, A refund in full of the registration fee will only be provided if notification is given at least one week prior to the event. Otherwise, a cancellation charge of 50% will be applied including the bank fees.