ENGINE ROOM TEAM MANAGEMENT (ETM)

INTRODUCTION

This course is essentially practical and consists mainly of a series of exercises performed on ARI'S ER SIMULATOR. Some class room lectures are included, to provide the necessary theoretical background for exercises.

The exercises increase in complexity as the course progresses and as trainees become familiar with the manoeuvring characteristics of the ship model and its response to the engine and helm in various conditions. Equipment failure or malfunction may be introduced during an exercise to afford trainees practice in taking emergency remedial action.

During exercises, trainees are expected to make use of the effective engine room procedures, to comply with as set out in Chapter VIII code B of the International convention on standards of Training, Certification and Watch-keeping for seafarers 1995. They will assume different roles of the engine room watch keeping team, the roles being rotated to allow each trainee an opportunity to act as chief engineer for some of the exercises.

Each exercise is followed by a group discussion, led by the instructor, to analyze the actions and decisions of the trainee.

OBJECTIVE

A trainee who successfully completes this course will have gained experience in handling engines under various conditions and will make a more effective contribution to the engine room team during ship manoeuvring.

DETAILS

Duration	: 4 Days
Eligibility	: Engineer Officers
No. of Participants	: Minimum Two
Course Facilitator	: Experienced Master Mariner / Chief Engineer
Course Venue	: ARI, Delhi

FEATURES

1. The module uses interactive CBTs, VCDs, The Engine Room Simulator and the combustion simulator in intensive sessions to highlight operational demands.
2. Air Pollution – Awareness, Statutes, Equipment, developments implications and safe operation
3. Critical Machineries developments, failure case studies and critical elements of maintenance and operation / developments and future such as Pneumatics, Controls, Hydraulics, Turbochargers, governors, Vibration
4. Understanding of PMS systems
5. Operation and understanding of IG systems
6. Bridge Control Systems, Main Engine maneuvering characteristics and Ship maneuvering characteristics,
7. Case studies on Breakdowns of machineries and group discussions on same

For Course Booking and Schedule please email us at **coursebookings@ariworld.com**

ARI will be pleased to work with companies for customized courses.

Companies can opt for Block Booking.

For more information email us at **info@ariedu.com**