



## MATE 5

### **Introduction**

The Mate Class 5 Officer Training prepares the navigation Officer for the Master Class 5 Oral examination to become master of vessels up to 200GT operating within 200NM offshore. It is the lowest ranking officer on any coastal merchant ship operating within the 200NM offshore. A Mate 5 should be familiar with both knowledge and practice of the operation of a marine vessel. This module provides the learner with the knowledge and skills necessary to plan and conduct coastal operation for vessels up to 200 gross.

### **Pre-Requisite**

The candidate needs to have completed:

- High school and be fluent with the English language, both spoken and written. Must have a clear understanding of Science subjects and Math.
- Basic seamanship training

### **The Objective Of The Course**

The purpose of this training is to enable the candidate to have the required knowledge of a competent Mate 5 officer and to perform his duties professionally on a merchant vessel. The candidates can sit for the Mate Class 5 after completion of sea time.

### **Course Outline And Outcome**

The following topics will be covered by the Mate 5 course;

- Vessel Construction (40 hours)
- Nautical knowledge (160 hours)
- Navigation Aids (40 hours)
- Basic Radar (40 hours)
- Navigation and Position Determination (80 hours)
- Stability (40 hours)

After successful completion of the course the graduate will have the understanding and competency to perform the duties of Mate 5 on board of a merchant vessel.

The main duties and responsibilities are as follows;

1. Understanding of the structure of the ship including its machineries, operation, regulation and certification
2. Navigational knowledge and Emergency Procedures and Cargo Handling
3. Understanding of navigational aids such as compass, echo sounder, autopilot, GPS and charts
4. Understanding an ability to use the radar and its role in navigation
5. Determination interpreting meteorological data and passage planning
6. Understanding the stability of the ship and preparing cargo stowage plans

### **Training Facilities**

Classroom lessons and activities taught are to be closely related to the ships navigation deck environment.

### **Certificates**

The trainee will receive a certificate of completion after successfully completing all assessments for the theory and practical demonstrations. Then the candidate can sit for the Mate Class 5 certificate by the Maritime Authority.

### **Training Details And Costs**

Duration: 14 weeks (400 hours)  
Time: 08.30am to 4.00pm  
Tuition Fees: TBA  
Minimum number of candidates: 10 persons per class

### **For further information, please contact:**

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