

SYLLABUS FOR STCW ENDORSEMENT EXAMINATION FOR INLAND 2ND CLASS
MASTER UNDER THE STCW CONVENTION-1978, AS AMENDED

A. FUNCTION – Navigation at the Operational Level

1. Plan and Conduct A Coastal Passage and Determine Position:

Knowledge and understanding of following:

Navigation:

Ability to determine the ship's position by the use of

1. Landmarks
2. Aids to navigation, including lighthouses, beacons and buoys
3. Knowledge of and ability to use navigational charts, tide tables, radio navigational warnings

Compasses:

1. Knowledge and application of compass error

Meteorology:

1. Ability to apply the meteorological information available

2. Maintain a Safe Navigational Watch

Knowledge and understanding of following:

Watchkeeping:

1. Knowledge of content of the Principles to be observed in keeping a navigational watch.

3. Respond to Emergencies

Knowledge, understanding and proficiency:

Emergency procedures including:

1. Precautions for the protection and safety of passengers in emergency situation
2. Initial assessment of damage and damage control
3. Rescuing person from water

4. Respond to a Distress Signal at Sea

1. Knowledge and understanding in "Search and rescue"

5. Manoeuvr the Ship and Operate Small Ship

1. Knowledge, understanding and proficiency

6. Ship Manoeuvring and handling

1. Knowledge of factors affecting safe manoeuvring and handling

Ship Manoeuvring and handling

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B. Function – Cargo Handling and Stowage at the Operational Level

Competence:

- 1. Monitor the Loading, Stowage, Securing and Unloading of Cargoes and their care during the voyage**

Knowledge and understanding of following:

2. Cargo handling, stowage and securing

1. Knowledge of safe handling, stowage and securing of cargoes.

C. Function – Controlling the Operation of the Ship and Care for Persons on board at the Operational Level.

Competence:

1. Ensure Compliance with Pollution Prevention Requirements

Knowledge and understanding of following

Prevention of Pollution of the Marine Environment

1. Knowledge of the precautions to be taken to prevent pollution of the marine environment

2. Maintain Sea-worthiness of the Ship

Knowledge, understanding and proficiency

Ship Stability:

1. Working knowledge and application of stability of small ship
2. Understanding of fundamental actions to be taken in the event of partial loss of intact buoyancy

3. Prevent, Control and Fight Fires on board

Knowledge, understanding and proficiency

Fire Prevention and Firefighting and Proficiency

1. Knowledge of fire prevention
2. Knowledge of classes of fire
3. Understanding of action to be taken in the event of fire

4. Operate Life Saving Appliance

Knowledge, understanding and proficiency

D. Function – Controlling the Operation of the Ship and Care for persons on board at the Operational Level

Competence:

1. Apply Medical First Aid on board ship

Knowledge, understanding and practical application of medical first aid