Offshore Skipper

Experience required prior training: 28 days at sea as skipper or watch leader in at least 2

voyages, at least in two sea areas

Certification required prior training: SRC and First Aid Certificate

Minimum age required: 18 years old Suggested number of training hours: 40 hours

Who can run the training: ISSA Instructor Who can do the examination: ISSA Instructor

Examination: 6 hours, including 2 at darkeness

Maximum 3 candidates at a time

How to sibmit the application: To authorized ISSA school only

Scope of required knowledge and skills

Yacht handling under Power

- 1. Unberthing/berthing (longside and stern-to)
- 2. Approaching a mooring buoy
- 3. Weighing an anchor
- 4. Recovery of Man Over Board
- 5. Practical skills

Yacht handling under sail

- 1. Tacking
- 2. Gybing
- 3. Recovery of Man Over Board
- 4. Practical skills

Dead Reckoning Navigation

- 1. Definition of DR navigation
- 2. Running of DR and plotting of DR position
- 3. Practical skills

Fixing lines

- 1. Sources of fixing lines (leading lights, bearings, depth contour)
- 2. Error analysis/ accuracy assessment
- 3. Practical skills

Magnetic compass

- 1. Consideration of variation. Change of variation in time and place
- 2. Siting of compass and reasons for deviation (impact of electronic devices)
- 3. Consideration of deviation
- 4. Stationary and handbearing compasses
- 5. Determination of deviation

Tides

- 1. Reasons of Tides Springs and Neaps
- 2. Tidal Tables
- 3. Tidal levels and chart datum
- 4. Time and height of tide in standard ports
- 5. Secondary ports
- 6. Anomalies

Tidal currents

- 1. Tidal current atlases
- 2. Tidal current diamonds
- 3. Information about tidal currents in navigation publications
- 4. Consideration of tidal currents when calculating courses and passage planning
- 5. Overfalls, tidal races

Buoys and Beacons

- 1. Navigation signs in IALA A and B
- 2. Limitation of navigational marks as navigational aid

Lights

- 1. Characteristics
- 2. Range visual and nominal
- 3. List of lights

Pilotage

- 1. Harbour specific regulations and signalling systems
- 2. Planning and strategy to enter/leave a harbour
- 3. Pracatical skills to make a pilotage

Echo sounders

- 1. Operation of manual echosounder
- 2. Types of echosounders
- 3. Limitations of echosounders
- 4. Secondary echoes

Satellite systems

Basic knowledge of satellite systems, their abilities and limitations

Logs (measurement of speed and distance)

Different types and operation

Logbook

- 1. Logbook as an official document
- 2. Running of a logbook

Meteorology

- 1. Basic terms, Beaufort's scale
- 2. Air masses
- 3. Types of clouds
- 4. Characteristics of weather in specific pressure and front systems
- 5. Sources of weather forecasts
- 6. Ability to interpret weather forecasts/ charts, weatherfax
- 7. Day/night breeze
- 8. Fog
- 9. Use of barometer

Anchoring

- 1. Types of anchors and operation
- 2. Selection of place to anchor

Collision Regulations

Good knowledge of International Regulations for Preventing Collisions at Sea

Safety at sea

- 1. Personal safety, use of lifejackets, harnesses, jackstays
- 2. Fire prevention and fighting
- 3. Distress signals
- 4. Role of coastguard
- 5. Preparation to heavy weather
- 6. Liferafts and recovery by helicopter

International Signalling Code

Rules of application

Navigating in restricted visibility

- 1. Restricted visibility procedures
- 2. Limitations for safe navigation

Passage planning

- 1. Preparation of charts and notes to plan a passage
- 2. Standard actions when navigating in inshore waters
- 3. Strategy to plan a passage

- 4. Use of weather information In passage planning5. Sources of local and national regulations

Environment protectionResponsibility for environment pollution and sea environment protection