



Introduction to Survival Craft Course Outline



Prerequisites: This course shall have no formal pre-requisite.

Course Length – 6 hours - Course length shall vary depending on the number of delegates. Total course time includes breaks.

Class Size: The maximum number of delegates that may be trained and tested per instructor shall be sixteen (16) in the classroom session and sixteen (16) in the practical session.

Course Objective

- Actions when mustering and boarding a survival craft (TEMPSC) as a passenger during launching operations
- Provide delegates the knowledge to operate a davit system to launch and recover a lifeboat
- Give an overview of location and usage emergency equipment including locating devices, first aid kits, and pyrotechnics
- Provide delegates with the proper direction to command the lifeboat using a magnetic compass
- Proper technique for streaming a drogue/sea anchor
- Identify and operate lifeboat equipment

Course Design

- Power Point© / Lecture / Audio Video / Visual Aids
- Demonstrations
- Practical Exercises

Successful Course Completion

- Requires a minimum score of 75% or better.
- Delegates will have no more than thirty (30) minutes to complete the exam.
- Grades shall be calculated by dividing the number of questions answered correctly by the total number of exam questions.
- Successful completion of practical session is mandatory.

Course Content Summary

- Classroom
- Practical's

Breaks: 10 minutes (approximately every hour)

Lunch: 1 Hour

Course Outline

Personal Floatation Device (PFD)

- Location / storage
- PFD donning

Location Aids

- Visual
 - Smoke canister
 - Sea dye
 - Hand Held Flares
 - Rocket Flares
- Audio
 - Voice
 - Whistle
 - Horn
- Electronic
 - GMDSS (Global Maritime Distress and Safety System)
 - VHF Radio
 - SART (Search and Rescue Radar Transponder)

Lifeboat Equipment Operation

- Location / storage
- Operation / deployment
- Entering / Strapping In
- Tools / survival equipment / supplies
- Immediate actions upon boarding

Search and Rescue (SAR):

- Discuss dedicated SAR units operating offshore
 - Air/Marine resources
- Discuss types of rescue
 - Surface to surface (rescue by vessel)
 - FRC, support vessel rescue
 - Air to surface (rescue by helicopter)
 - Hoist basket
 - Single lift (lifting strop)
 - Double lift (tether recovery)

TEMPSC:

- Location of TEMPSC
- Role of TEMPSC
 - Primary/secondary
- Characteristics
 - Hull construction, deluge system, breathing air, engine
- Mustering/launching the TEMPSC
 - T-Card System
 - Clothing, muster list
 - Check sea state, emergency releases, loading/securing personnel
- TEMPSC Launching Systems
 - Discuss different types of davit systems for the following types of TEMPSC and launching systems
 - Single Fall
 - Twin Fall
 - Free Fall

Discuss TEMPSC interior, seating, emergency equipment, abandonment challenges

Practical Session

Practical shall verify the following:

- Mustering, donning a life jacket, boarding and strapping in as a TEMPSC passenger (the craft then to be lowered into the water and released)
- The correct actions when mustering and boarding a survival craft (TEMPSC) as a passenger during launching operations
 - Upon notification by an alarm, delegates will muster and don life jacket
 - Upon notification by an alarm, delegates will board the life boat and strap in
 - Life boat will be lowered to the water and hooks released
 - Delegates will exit the life boat at the lowered position

Delegate Requirements

- None

Reference Material / Documents

SOLAS Consolidated Edition

Life Saving Appliances