



## **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)



## M&A Safety Services

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**Lunch:** 1 Hour

### Course Outline

#### Personal Floatation Device (PFD)

- ) Location / storage
- ) PFD donning

#### Location Aids

- ) Visual
  - o Smoke canister
  - o Sea dye
  - o Hand Held Flares
  - o Rocket Flares
- ) Audio
  - o Voice
  - o Whistle
  - o Horn
- ) Electronic
  - o GMDSS (Global Maritime Distress and Safety System)
  - o VHF Radio
  - o 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
  - o Air/Marine resources
- ) Discuss types of rescue
  - o Surface to surface (rescue by vessel)
    - FRC, support vessel rescue
  - o Air to surface (rescue by helicopter)
    - Hoist basket
    - Single lift (lifting strop)
    - Double lift (tether recovery)

**TEMPSC:**

- ) Location of TEMPSC
- ) Role of TEMPSC
  - o Primary/secondary
- ) Characteristics
  - o Hull construction, deluge system, breathing air, engine
- ) Mustering/launching the TEMPSC
  - o T-Card System
  - o Clothing, muster list
  - o Check sea state, emergency releases, loading/securing personnel
- ) TEMPSC Launching Systems
  - o 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 TEMSC 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
  - o Upon notification by an alarm, delegates will muster and don life jacket
  - o Upon notification by an alarm, delegates will board the life boat and strap in
  - o Life boat will be lowered to the water and hooks released
  - o Delegates will exit the life boat at the lowered position

**Delegate Requirements**

- ) None

**Reference Material / Documents**

SOLAS Consolidated Edition  
Life Saving Appliances