

# ***Search and Rescue***

The cabinet provides practical activities for the following disciplines: **search and rescue at sea, seamanship, individual survival techniques** with the following objectives:

## **General Objective:**

Building and developing the aptitude (knowledge, skills, higher abilities) for organizing and managing search and rescue activities in the most complex situations functioning as an officer with an operational rank on ships and efficiently responding in distress situations at sea.



## **Specific Objectives:**

- ✓ To use protective and safety measures for passengers in emergency situations (*competency 1.5, A -II /1, STCW Code*).
- ✓ Assessment of the procedures to be followed for rescuing persons in the water, assisting a ship in distress, the response to port emergencies. (*competency 1.5, A -II /1, STCW Code*)
- ✓ To know the content of the IMO IAMSAR Manual (*competency 1.6, A -II /1, STCW Code*)
- ✓ To have the capacity of organizing abandon ship drills (*competency 3.4, A -II /1, STCW Code*)
- ✓ To know how to operate survival means and life boats, other appliances like Radio, EPIRB, SART, immersion suit and thermal protective aid (*competency 3.4, A -II /1, STCW Code*)
- ✓ To know the survival at sea techniques. (*competency 3.4, A -II /1, STCW Code*)
- ✓ To know how to organize, coordinate and lead search and rescue operations at sea functioning as an officer with a managerial rank on ships (*competency 1.5, A -II /2, STCW Code*).



## Equipment:



- ❖ Communication Equipment
  - SART
  - EPIRB
  - VHF portable radio
- ❖ Signaling Equipment
  - Hand flares
  - Buoyant smoke signals
  - Rocket parachute flares
- ❖ Lifeboat and liferaft equipment
- ❖ Lifeboats scale model
- ❖ Manuals, regulations, posters: IAMSAR, SOLAS, LSA
- ❖ Video-projector, laptop connected to the internet, whiteboard
- ❖ Desks and chairs for 24 students

- ❖ Individual Equipment
  - Life vest,
  - Immersion suit
  - Means of thermic protection
  - Life ring with a connecting buoyant line, light buoy, light and sound buoy
- ❖ Collective Equipment
  - Liferaft for 6 people
  - Liferaft for 24 people



## List of available tasks:

1. Usage of the individual lifesaving equipment.
2. Usage of the collective lifesaving equipment.
3. Usage of the radio equipment for sending/receiving distress messages.
4. Usage of the visual signaling devices for sending distress messages
5. Creating the search plan, individual or in cooperation with other forces.
6. Filling in the reports for search and rescue activities.

