

## Course Outline

<b>Knowledge, understanding and proficiency</b>	<b>Approximate time (Hours)</b>
Introduction and safety	0.5
<b>1. Construction and outfit of fast rescue boats and individual items of their equipment</b> a. Construction and outfit of fast rescue boats b. Individual items of equipment	1.5
<b>2. Particular characteristics and facilities of fast rescue boats</b>	0.5
<b>3. Navigational and safety equipment available in a fast rescue boat</b> a. Boat equipment b. Navigation equipment c. Safety equipment d. Emergency equipment	1.0
<b>4. Safety precautions during launch and recovery of a fast rescue boat</b> a. Launching arrangements b. Launching and recovery c. Launching and recovery in rough seas d. Drills in launching and recovery of fast rescue boats	3.5
<b>5. How to handle a fast rescue boat in prevailing and adverse weather and sea conditions</b> Clearing the ship's side and coming alongside a. Manoeuvring at slow speed b. Manoeuvring at fast speed c. Boat handling in adverse weather d. Towing e. Pacing and transfer f. Helicopter operation g. Drills in boat handling h. Drills in towing i. Drills in pacing and transfer	7.5
<b>6. Procedures for righting a capsized fast rescue boat</b> a. Capsize and righting b. Drills in righting a capsized boat	2.5
<b>7. Search patterns and environmental factors affecting their execution</b> a. Initial information and action b. Search pattern c. Rescuing survivors from sea d. Casualty care e. Drills in search and rescue	4.5
<b>8. Assessment of the readiness of fast rescue boats and related equipment for immediate use</b>	0.5

<ul style="list-style-type: none"> <li>a. Boat readiness</li> <li>b. Equipment readiness</li> </ul>	
<b>9. Knowledge of the maintenance, emergency repairs, normal inflation and deflation of buoyancy compartments of inflated fast rescue boats</b>	0.5
<b>10. Method of starting and operating a fast rescue boat engine and its accessories</b> <ul style="list-style-type: none"> <li>a. Inboard motor engines</li> <li>b. Outboard motor engines</li> <li>c. Water jet propulsion</li> <li>d. Drills in engine operation</li> </ul>	1.5
Total	23.5

## Chapter 1: Use of fast rescue boats

### Ship Contingency Plans

Ship Contingency Plans will describe the actions, relevant for the type of vessel and equipment used, to take in the event of a calamity on board a vessel. One of the topics covered is the emergency procedure/ plan of rescue and treatment of casualties, including the use of FRB's.

The emergency procedure will describe initial actions to take by the Master, FRB coxswain and crew before, during and after launching a FRB. Another topic will be the rescue, treatment of and transfer to safety of casualties after recovery.

Crew needs to be trained accordingly and the procedure/plan will be revised when there are changes in legislation or best practices.

**The reason for the presence of fast rescue boats on ships is the value of these boats in various conditions, such as:**

- A man overboard situation
- A general evacuation
- A combined rescue operation
- Transport of the injured or medical assistance
- Assistance in searches.



**In the first instance, the man overboard boat is installed on board to be able to guarantee rapid transport capacity in a man overboard situation. The casualty who falls overboard may be faced with:**

- Injuries as a result of the fall
- The risk of drowning
- Hypothermia