Crewemember Personal Qualification Standards for Class II Small Boats

To become a qualified Crewmember, candidates must demonstrate personal knowledge of the procedures used, and equipment carried aboard the small boat on which they will sail. This PQS is a template, showing the baseline knowledge a candidate must demonstrate. It is expected that the VOC and/or OIC will add standards based on region, mission, and boat.

Candidates must accomplish all tasks without prompting or use of a reference. Tasks may be performed shore side, or underway.

Name:                      Date:

Vessel Construction and Equipment

1. Describe and demonstrate use of the following
   1.1. Steering
   1.2. Bilge pump location, float location, and discharge location
   1.3. Battery switch configuration
   1.4. Location of all electrical breakers
   1.5. Emergency kill switch
   1.6. Anchor (including windlass, if equipped)
   1.7. Type of propulsion
   1.8. Type of generator and precautions
   1.9. Describe or draw the boat’s fuel system & fueling procedure/precautions
   1.10. Describe or draw the boat’s hydraulic system
   1.11. Location of all overboard discharges
   1.12. Location of all emergency egresses
   1.13. Location of any electronics carried aboard (edit this template)
   1.14. Location of any special features of the vessel (self-bailing, self-righting, etc)
   1.15. Vessel capacity and maximum HP rating
   1.16. Demonstrate how to check oil and fluid levels
Safety

1. Describe the usage and location of the following equipment
   1.1. Fire extinguisher (number, type, use)
   1.2. PFD
   1.3. Thermal protection
   1.4. EPIRB, including deployment (manual vs float free)
   1.5. First aid kit
   1.6. Flares/Visual Distress
   1.7. Bailing bucket
   1.8. Hand bilge pump
   1.9. Man overboard recovery system
   1.10. Emergency fuel (or ventilation) cutoff for engines and generators
   1.11. Emergency steering system

2. Explain the Crewmember’s role during an emergency

3. Demonstrate ability to make emergency call on the VHF radio
   3.1. Describe Sécurité vs Pan-Pan vs Mayday
   3.2. Describe which channel to use (13/16/local)
   3.3. Demonstrate using the DSC button on VHF, if available

4. Explain when a PFD must be worn

5. Explain when thermal protection must be worn

6. Demonstrate understanding of MOB recovery procedures

7. Explain all items listed in the boat’s Pre-Departure Safety Briefing

8. Explain the Roles and Responsibilities of all personnel on board.

9. Explain entries that must be made in the Logbook

10. Explain the use of a Float Plan

Seamanship
1. Demonstrate marlinspike seamanship
   1.1. Bowline
   1.2. Clove hitch
   1.3. Sheet bend

2. Demonstrate line handing
   2.1. Ease a line under load
   2.2. Throw a line from boat to pier (or other boat)
   2.3. Make a line off to a cleat

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**Basic Boat Handling**

1. Demonstrate proper use of the throttle to:
   1.1. Optimum fuel efficiency
   1.2. Maximum safe speed
   1.3. Twin engine considerations and operation

2. Demonstrate
   2.1. Tight maneuvers
   2.2. Docking the boat
   2.3. Anchoring the boat
   2.4. Recovering an object from the water (i.e. MOB drill)

3. Trailer familiarization and considerations