

Crewmember 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 handling
 - 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
-

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