

Appendix 1

Equipment requirements

1. General

- 1.1 Neither the establishment of these equipment requirements, nor the inspection of a sailboat for compliance with the list, in any way limits the complete and unlimited responsibility of the skipper, to ensure both he/she and the sailboat are fully prepared to compete in this race.
- 1.2 It shall be the responsibility of the skipper to ensure that the sailboat is equipped in compliance with these requirements prior to the skipper's meeting.
- 1.3 All required equipment shall:
 - Function properly
 - Be readily accessible
 - Be of a type, size and capacity suitable and adequate for the intended use, and for the size of the sailboat

2. Structural features

- 2.1 Hatches and companionway must be essentially watertight and capable of being closed securely with hardware.
- 2.2 Self-bailing cockpit with adequate drains
- 2.3 Stanchions, lifelines and pulpits, in good order where such equipment is a recognized feature of the class of sailboat.
- 2.4 A longitudinal system of safety lines fitted in such a way that a crewmember can clip on and move the full length of the sailboat. Such a system should have the breaking strain of at least 2,000 kg. (4,000lbs)

3. Through hull fitting

- 3.1 Sea cocks or valves on all openings below the water line, except for integral deck scuppers, shaft logs, speed indicators, depth sounders, etc A means of closing such openings when necessary shall be provided.
- 3.2 Soft wood plugs or rigid foam plastic cones, tapered and of appropriate size to close all through-hull fittings. Plug shall be attached with a lanyard to each through hull fitting.

4. Heavy objects

- 4.1 Ballast, batteries, anchors and other heavy equipment shall be securely Fastened so as to prevent them shifting.

5. Mechanical

- 5.1 Inboard or outboard auxiliary engine in good working order.
- 5.2 Sailboats shall carry enough fuel to motor at hull speed for at least 6 hours.

5.3 There shall be means of recharging the primary operating battery or batteries, however if batteries are dependent on shore power for recharging, it will be acceptable to start the race with two fully charged batteries.

5.4 At least one manually operated bilge pump, securely mounted and operable with all hatches closed. The handle shall be fitted with a lanyard.

6. Accommodation

6.1 Permanently fitted bunks

6.2 Galley facilities adequate for food storage and preparation

6.3 Any cooking stove securely mounted and with an adequate supply of fuel

6.4 Propane tanks, if carried, shall be securely fastened and in a vented cupboard.

6.5 An approved marine toilet

6.6 Fire extinguishers and other safety equipment compliant with Transport Canada Safe Boating Guide.

7. Navigation

7.1 Steering compass properly mounted and adjusted

7.2 Hand bearing compass

7.3 Sound signalling device – air horn, bell or equivalent

7.4 Knot meter/log, depth-sounder, installed and operating

7.5 A cell phone carried and operating

7.6 An operational VHF radio

In addition, an emergency antenna or a hand-held VHF radio. If the VHF is not capable of receiving weather bulletins, an additional radio capable of receiving weather transmissions shall be carried.

7.7 Binoculars suitable for maritime use.

7.8 Current charts, either electronic or paper. If electronic, a backup paper set is required, whether current or not.

8. Ground tackle

8.1 A least one anchor appropriate for the size of the sailboat with a minimum of 200 ft. of anchor rode, rigged for immediate use, and easily accessible. It is recommended that the bitter end of the anchor rode be strongly attached to the sailboat by means of a rope lashing which can be cut in an emergency.

9. Life saving equipment

9.1 Approved life jacket or personal floatation device (PFD), with whistle and waterproof light attached. It is recommended that the PFD be worn at all times while on deck.

9.2 Adequate safety harness and tether for each crewmember. It is recommended that it have a three point connection

9.3 Approved life –buoy with whistle, waterproof self-activating light, drogue and man overboard pole. The man-overboard pole shall be

- permanently attached to the life buoy. This equipment shall be mounted close to the helm position and rigged for instant deployment.
- 9.4 Buoyant heaving line, at least 50ft. long, carried on the deck close to the helm position and ready for use. The bitter end shall be securely attached to the sailboat.
- 9.5 Boarding ladder or other means or re-boarding from the water