

# MINIMUM SAFETY EQUIPMENT REQUIREMENTS

## Sail and Power Boats over 24 m (78' 9")



### PERSONAL LIFESAVING APPLIANCES:

1. One (1) lifejacket or PFD for each person on board
2. One (1) reboarding device (*See Note 1*)
3. One (1) buoyant heaving line at least 30 m (98' 5") long
4. Two (2) SOLAS lifebuoys, of which:
  - one (1) is attached to a buoyant line at least 30 m (98' 5") long; and
  - one (1) is equipped with a self-igniting light.
5. Lifting harness with appropriate rigging

### VISUAL SIGNALS:

6. One (1) watertight flashlight
7. Twelve (12) flares of Type A, B, C or D, not more than six (6) of which are Type D **OR** Six (6) flares of Type A, B, C or D, not

more than three (3) of which are Type D, if boat is equipped with an electronic communication device (*See Note 2*)

### VESSEL SAFETY EQUIPMENT:

8. One (1) anchor and at least 50 m (164' 1") of cable, rope or chain in any combination
9. Bilge-pumping arrangements

### NAVIGATION EQUIPMENT:

10. Two (2) sound-signalling appliances that meets the applicable standards set out in the Collision Regulations
11. Navigation lights (*See Note 4*)
12. One (1) magnetic compass that meets the requirements set out in the Navigation Safety Regulations (*See Note 5*)
13. One (1) radar reflector (*See Note 6*)

### FIRE FIGHTING EQUIPMENT:

14. One (1) 10BC fire extinguisher at all of the following locations:
  - at each access to any space where a fuelburning cooking, heating or refrigerating appliance is fitted;
  - at the entrance to any accommodation space; and
  - at the entrance to the machinery space.
15. One (1) power-driven fire pump located outside the machinery space, with one fire hose and nozzle that can direct water into any part of the boat
16. Two (2) axes
17. Four (4) buckets of at least 10 L each

#### Note 1 – Reboarding Device

A reboarding device is only required if the vertical height that a person must climb to reboard the boat from the water (freeboard) is over 0.5 m (1' 8").

#### Note 2 – Flares

Flares are not required for a boat that:

- is operating on a river, canal or lake in which it can never be more than one (1) nautical mile (1.852 km) from shore; or
- has no sleeping quarters and is engaged in an official competition or in final preparation for an official competition.

For a pleasure craft more than 6 m in length, the number of

pyrotechnic distress signals are reduced, if the boat is equipped with an electronic communication device, including:

- a means of two-way radio communication (e.g. cell phones, satellite phones or other satellite communication devices, VHF radios with digital select calling);
- a 406 MHz personal locator beacon, which is a personal safety device designed to alert search and rescue services and allow them to quickly locate a person in the event of an emergency; or
- a 406 MHz emergency position-indicating radio beacon, which is used to alert search and rescue services in the event of an emergency via a satellite.

#### Note 3 – Bailer and Manual Bilge Pump

A bailer or manual bilge pump is not required for a boat that cannot hold enough water to make it capsize or a boat that has watertight compartments that are sealed and not readily accessible.

#### Note 4 – Navigation Lights

Navigation lights are only required if you operate the boat after sunset, before sunrise or in periods of restricted visibility (fog, falling snow, etc.).

#### Note 5 – Magnetic Compass

A magnetic compass is not required if the boat is 8 m (26' 3") or less and you operate it within sight of navigation marks.

#### Note 6 – Radar Reflector

Radar reflectors are required for boats under 20 m (65' 7") and boats built of mostly non-metallic materials. A radar reflector is not required if:

- the boat is used in limited traffic conditions, daylight and favourable environmental conditions, and where having a radar reflector is not essential to the boat's safety; or
- the small size of the boat or its operation away from radar navigation makes it impossible to install or use a radar reflector.