



Type D: Smoke (buoyant or hand-held)

- Produces a dense orange smoke for three minutes
- Used only as a day signal
- Some types are made especially for pleasure craft use that last one minute and come in a package of three

Position your smoke flare down wind and follow the directions carefully.

Navigation equipment

Sound-signalling devices

Pleasure craft less than 12 m (39'4") in length need a sound-signalling device if they are not fitted with a sound-signalling appliance. The sound-signalling device can be a pealess whistle, compressed gas horn or an electric horn.



Sound-signalling appliances

Pleasure craft 12 m (39'4") or greater in length must have a fitted whistle. Check the Collision Regulations for the technical criteria the whistle must meet.

Navigation lights

If you operate your boat at night or in restricted visibility, it needs navigation lights. If your pleasure craft has navigation lights, they must work and be fitted in accordance with the Collision Regulations (for placement options, see the silhouettes in the Minimum Required Equipment section).

Radar reflectors

Vessels less than 20 m (65'7") in length or that are constructed primarily of non-metallic materials must have radar reflectors, unless they are not essential to the safety of the vessel, or the small size of the vessel or its operation away from radar navigation makes compliance impractical. If properly positioned, they help larger, less manoeuvrable vessels detect your presence on their radar screens. They should be

located above all superstructures and at least 4 m (13'1") above the water (if possible).

Towing

Tugs may be towing barges or other vessels on a long tow-line astern. Often, the length of the tow is so great the tow-line hangs below the surface of the water and is nearly invisible. If a small craft were to strike the submerged tow-line, it could capsize and be run down by the barge.

Never pass between a tug and its tow and be alert for special lights displayed by vessels towing barges, other vessels or objects. The towing vessel is usually more visible than its tow. The tow's navigation lights do not include masthead lights and are often much dimmer than those of the towing vessel.

