

Australian Standard[®]

Small Pleasure Boats Code

**Part 2: General requirements for
yachts**

This Australian Standard was prepared by Committee CS/1, Small Pleasure Boats. It was approved on behalf of the Council of Standards Australia on 25 May 1989 and published on 26 June 1989.

The following interests are represented on Committee CS/1:

Aluminium Development Council
Australian Boating Industry Association
Australian Corrosion Association
Australian Customs Service
Australian Yachting Federation
Department of Business and Consumer Affairs, N.S.W.
Department of Defence
Department of Harbours and Marine, Qld
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PREFACE

This Standard was prepared by Standards Australia's Committee on Small Pleasure Boats to supersede, in part AS 1799—1975, *SAA Small Boats Code*. The 1975 edition of AS 1799 dealt only with power boats; however, this has now been expanded to include yachts.

The bulk of the technical requirements in this Standard are based on the Safety Regulations of the Australian Yachting Federation (1985-1989); however, the Standard does vary from the Safety Regulations on a number of points and should not be considered as a substitute for the Regulations.

The requirements for spars and rigging in Section 7 are based on Det Norske Veritas—*Rules for Construction and Certification of Vessels less than 15 metres*—1983.

Other parts of the Code for small pleasure boats are as follows:

Part 1: General requirements for power boats (AS 1799.1)

Part 3: Engineering (AS 1799.3)

Part 4: Reinforced plastics construction (AS 1799.4)

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STANDARDS AUSTRALIA

Australian Standard
Small Pleasure Boats Code

Part 2: General requirements for yachts

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This Standard specifies requirements for reserve buoyancy, stability, hull and rig design and fire protection for yachts and motor sailers up to 15 m in length used as pleasure boats. It does not apply to boats used exclusively for racing or for commercial purposes, and does not apply to sail boards.

1.2 REFERENCED DOCUMENTS. The following documents are referred to in this Standard:

AS

1799	Small Pleasure Boats Code
1799.1	Part 1: General requirements for power boats
1799.4	Part 4: Reinforced plastics construction
1841	Portable fire extinguishers — Water (gas container) type
1842	Portable fire extinguishers — Water (stored pressure) type
1844	Portable fire extinguishers — Foam (gas container) type.
1845	Portable fire extinguishers — Foam (stored pressure) type
1846	Portable fire extinguishers — Powder type
1847	Portable fire extinguishers — Carbon dioxide type
1848	Portable fire extinguishers — Halon type
1850	Portable fire extinguishers — Classification, rating and fire testing
1851	Maintenance of fire protection equipment
1851.1	Part 1: Portable fire extinguishers
2080	Safety glass for land vehicles
2275	Combustible gas detection instruments for use in explosive atmospheres
2444	Portable fire extinguishers — Selection and location
3504	Fire blankets

Australian Yachting Federation Safety Regulations
Safety Regulations, Part 1: Appendix A (see 4.2.2)

AG 601* Installation Code for Gas Burning
Appliances and Equipment

1.3 DEFINITIONS. For the purpose of this Standard, the definitions below apply.

1.3.1 Types of boat.

1.3.1.1 Yacht—a boat designed primarily for sailing.

1.3.1.2 Motor sailer—a type of boat which is designed to function equally well as a power boat or as a yacht.

1.3.1.3 Monohull—a yacht having only one hull with no attached outer hulls.

1.3.1.4 Multihull—a yacht having more than one hull or a hull with attached outer (wing) hulls.

1.3.1.5 Off-the-beach yacht—a small yacht without a cabin which may employ one or more centreboards, is designed to be stored ashore and falls into one of the following categories:

- (a) Centre board dinghy or open skiff.
- (b) Multihull.

1.3.1.6 Trailer-sailer—a monohull cabin yacht which is capable of being transported by road on a trailer, without special permit or permission and capable of being launched and retrieved by its trailer without the assistance of external equipment.

1.3.2 General quantities and dimensions.

1.3.2.1 Length—the distance from the foremost part of the stem (excluding any bowsprit) to the aftermost part of the stern (excluding the rudder) measured parallel to the waterline. In the case of a trimaran where the outer hulls extend beyond the centre hull at the stem, the length shall be determined by joining the stems of the outer hulls with an imaginary line and measuring the length from the centre point of the line. Similarly where the outer hulls extend beyond the centre hull at the stern the length shall be determined by joining the sterns of the outer hulls with an imaginary line and measuring the length to the centre point of the line. See Figure 1.1.

1.3.2.2 Mid-length (Amidships)—the mid-point of the yacht's length.

1.3.2.3 Waterline length (of a hull)—the distance from the foremost point on the waterline to the aftermost point on the waterline, excluding the rudder if it forms part of the waterline of the hull, measured when the yacht is upright in calm water. See Figure 1.1.

1.3.2.4 Waterline—the plane which includes the points of contact between the water and hull(s), including the rudder(s), under the following conditions:

- (a) Still water, with water temperature and salinity equal to that in which the boat is designed to operate.

* Issued by the Australian Gas Association and the Australian Liquefied Petroleum Gas Association.