

AS 1799.2—1989

Australian Standard<sup>®</sup>

---

**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  
Department of Transport and Communications  
Institute of Marine Engineers  
Maritime Services Board of New South Wales  
Police Department, N.S.W.  
University of New South Wales

---

**Review of Australian Standards.** To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

---

*This Standard was issued in draft form for comment as DR 87181.*

AS 1799.2—1989

Australian Standard<sup>®</sup>

---

## **Small Pleasure Boats Code**

### **Part 2: General requirements for yachts**

---

<p>First published as part of AS 1799—1975. Revised and redesignated AS 1799.2—1989.</p>
--

PUBLISHED BY STANDARDS AUSTRALIA  
(STANDARDS ASSOCIATION OF AUSTRALIA)  
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 5438 X

## 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)

### © Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

## CONTENTS

	<i>Page</i>
SECTION 1. SCOPE AND GENERAL	
1.1 SCOPE .....	5
1.2 REFERENCED DOCUMENTS .....	5
1.3 DEFINITIONS .....	5
SECTION 2. REQUIREMENTS FOR OFF-THE-BEACH YACHTS	
2.1 SCOPE OF SECTION .....	8
2.2 RESERVE BUOYANCY .....	8
2.3 TOWING ARRANGEMENTS .....	8
2.4 CENTREBOARDS AND RUDDERS .....	8
2.5 BAILERS OR PUMPS .....	8
2.6 MASTS .....	8
2.7 MAINSAIL RELEASE .....	8
SECTION 3. REQUIREMENTS FOR TRAILER SAILERS	
3.1 SCOPE OF SECTION .....	9
3.2 STABILITY AND RESERVE BUOYANCY .....	9
3.3 KEELS .....	9
3.4 HULL DESIGN .....	10
3.5 HATCHES AND COMPANIONWAYS .....	10
SECTION 4. REQUIREMENTS FOR OTHER MONOHULL YACHTS	
4.1 SCOPE OF SECTION .....	11
4.2 STABILITY .....	11
4.3 KEELS .....	11
4.4 HULL DESIGN .....	12
4.5 COCKPITS .....	12
4.6 HATCHES AND COMPANIONWAYS .....	12
4.7 WINDOWS .....	12
SECTION 5. REQUIREMENTS FOR OTHER MULTIHULL YACHTS	
5.1 SCOPE OF SECTION .....	13
5.2 RESERVE BUOYANCY .....	13
5.3 HULL DESIGN .....	13
5.4 COCKPITS .....	13
5.5 HATCHES AND COMPANIONWAYS .....	13
5.6 WINDOWS .....	14
SECTION 6. FIRE PROTECTION	
6.1 PORTABLE FIRE EXTINGUISHERS .....	15
6.2 FIXED FIRE EXTINGUISHING SYSTEM .....	15
6.3 GAS DETECTORS .....	15
6.4 FIRE BLANKETS .....	15
SECTION 7. SPARS AND RIGGING	
7.1 SCOPE OF SECTION .....	16
7.2 GENERAL .....	16
7.3 RIGHTING MOMENT .....	16
7.4 SAIL AREA .....	16
7.5 UNSTAYED MASTS .....	17
7.6 SIMPLY STAYED RIG .....	17
7.7 MASTHEAD RIGS .....	18
7.8 FRACTIONAL RIGS .....	20
7.9 OTHER RIGGING ELEMENTS .....	23

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- Looking for additional Standards? Visit Intertek Inform Infostore
  - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-