



**AUSTRALIAN  
TP52 SAILING ASSOCIATION  
RATING RULES  
V1.1**

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**PREAMBLE**

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This preamble does not form part of the TPR Rating Rules.

This rating system is designed to work with racing that is scored under IRC. IRC results are separate to TPR results. TPR has no ownership, nor influence on IRC rules and ratings.

An Organising Authority that wishes to use the TPR needs to include in the NoR that:

- (a) 'IRC rule 21.1.5(d) and (e) are amended so that the text of these IRC rules is the same text as found in TPR C.1.1, C.1.2, and C.1.3'.
- (b) A boat that enters both the IRC class and the ATPRR class must provide the same certificate they intend to use for IRC to the ATPRR Class Authority as required by ATPRR B1.1(c).
- (c) Boats entering ATPRR shall provide crew details (as per B.1.1(e)) by 17:00 on the Thursday prior to the first scheduled race. A boat may not protest another boat for an alleged breach of this rule (This changes RRS 60.1).
- (d) Unless otherwise decided by the Class Authority, the ATPRR shall calculate the TPR for a boat based on the data received by 17:00 on the Thursday prior to the first scheduled race. The Class Authority has absolute discretion to choose to calculate the TPR based on data received after this time. This rule will not be grounds for a request for redress (amends RRS 60.1 and 62.1(a) and RRS 63.1 shall not apply).

NOTE: the time / date in points (c) and (d) may be changed in the NoR depending on the circumstances of the regatta.

## PART I - ADMINISTRATION

### SECTION A – GENERAL

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#### A.1 RULES

A.1.1 World Sailing Equipment Rules of Sailing shall apply unless specifically stated otherwise.

#### A.2 LANGUAGE

A.2.1 The words 'shall' and 'must' are mandatory. The words 'can' and 'may' are permissive. The word 'should' is advisory.

A.2.2 The official language of the rating system is English. Except for words defined herein, the meaning of any word shall be determined by reference to the Oxford English Dictionary. When there is more than one definition in the Dictionary, it is the **Class Authority** who shall determine the appropriate definition.

A.2.3 Except where used in headings, when a term is printed in '**bold**' the definition in the ERS applies and when a term is printed in '*italics*' the definition in the RRS applies.

A.2.4 Components, and their use, are defined by their description or as illustrated.

#### A.3 ABBREVIATIONS

A.3.1 WS – World Sailing

ATPRR – Australian TP52 Sailing Association Rating Rules

TPR – the calculated time correction factor under these rules

ERS – World Sailing Equipment Rules of Sailing

RRS – World Sailing Racing Rules of Sailing

#### A.4 ADMINISTRATION OF THE CLASS

A.4.1 The Australian TP52 Sailing Association (NSW Fair Trading – INC2200154) owns the ATPRR.

A.4.2 The Australian TP52 Sailing Association shall appoint an individual or committee to be the **Class Authority**. Note that ERS C.2.1 includes rules of handicap and rating systems when defining the term class rules.

A.4.3 The **Class Authority** may appoint **official measurer(s)**. Such **official measurer** may or may not be a member of the **Class Authority**.

A.4.4 The **Class Authority** may charge fees for **certification** services performed and may withhold services until such fees are paid.

#### A.5 ADMINISTRATION OF THE RATING

A.5.1 The **Class Authority** is the sole authority entitled to calculate and issue or re-issue a TPR.

A.5.2 When a new rating is issued, it invalidates all old ratings.

A.5.3 The **Class Authority** will issue a TPR for a boat, using the boat's IRC TCC, and then adjusting for:

(a) The Age Date of the boat;

(b) Number of Youth Sailors in the crew; and

(c) Number of professionals (sailors with a WS Classification of 3). If a crewmember does not have a World Sailor Classification, then the Class Authority shall deem that crewmember as professional.

## A.6 CORRECTED TIMES

A.6.1 A TPR is calculated to three decimal places. The corrected time for each boat is calculated by multiplying its elapsed time by its TPR. Corrected times shall be rounded to the nearest second with 0.5 seconds rounding up.

## A.7 MEASUREMENT

A.7.1 The Metric System shall be used for all measurements. Unless otherwise stated, linear measurements shall be taken and recorded in millimetres and **sail** linear measurements shall be taken and recorded in centimetres.

A.7.2 Competitors shall permit and assist all inspections and measurements by an **official measurer**.

A.7.3 The measuring equipment used by the **official measurer** shall be the reference device for determining compliance with the ATPRR.

## A.8 INTERPRETATIONS

A.8.1 An owner (or owner's representative) of an ATPRR eligible boat may seek an interpretation of the ATPRR by submitting a request in writing to the **Class Authority**, or the **Class Authority** may initiate an interpretation.

A.8.2 A competitor shall not rely on any advice or opinion from a member of the **Class Authority** or **official measurer** other than through a written interpretation published by the **Class Authority**.

## A.9 CLASS RULE AMENDMENTS

A.9.1 The ATPRR may be amended at any time by the Australian TP52 Sailing Association.

A.9.2 A specific ATPRR may be amended as detailed in that rule.

## SECTION B – BOAT ELIGIBILITY

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For a **boat** to be eligible for *racing*, it shall comply with the rules in this section.

### B.1 RATING RULES

B.1.1 A **boat** shall:

- (a) have a financially up-to-date member of the Australian TP52 Sailing Association as the person in charge;
- (b) be in compliance with the TPR;
- (c) have a valid ENDORSED IRC rating certificate and provide a copy of the certificate to the **Class Authority**.
- (d) race in a configuration that complies to the data detailed on its IRC certificate that is used by the **Class Authority** to issue its TPR as described in A.5.3;
- (e) declare the individuals who will be the crew for the event, including their declared weight, World Sailing ID and World Sailing Classification (if wanting to be classified as WS classification 1), and if they are classified as a "Youth Sailor" under TPR; and
- (f) declare the sails that it may use during the event.

### B.2 EVENT INSPECTION

B.2.1 A boat shall:

- (a) allow the **equipment inspector** to make appropriate inspections; and
- (b) comply with all appropriate requests from the **equipment inspector**.

## PART II – REQUIREMENTS AND LIMITATIONS

The **crew** and the **boat** shall comply with the rules in Part II when *racing*. In case of conflict Section C shall prevail.

The rules in Part II are **open rating rules**. **Equipment inspection** shall be carried out in accordance with the ERS except where varied in this Part.

### SECTION C – CONDITIONS FOR RACING

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#### C.1 SAILS

- C.1.1 A **boat** shall only carry, and may only use, the sails that were declared under ATPRR B.1.1(f). This Rule may be amended by Notice of Race.
- C.1.2 Further to ATPRR C.1.1, from when it leaves the dock, until after it finishes *racing* that day, a **boat** shall only carry, and may only use the **sails** that are onboard when it left the dock that day. The race committee may allow a removal (but not replacement) of a damaged **sail**.
- C.1.3 If a **sail** has been lost or damaged so that it cannot reasonably be expected to be repaired for use the next scheduled day of racing, the **official measurer** (or race committee if no **official measurer** is available) may authorise the replacement of the lost or damaged **sail** with a used **sail** of similar type that complies with the ATPRR.
- C.1.4 **Sails** shall be set in close proximity to the **boat**.
- C.1.5 No headsail, flying headsail or spinnaker may be sheeted from more than one point on the **sail**.
- C.1.6 Other than during a manoeuvre to gybe, a **boat** shall not use any **spar** as a **whisker pole** set to leeward to set a headsail or a flying headsail. This changes RRS 55.3.
- C.1.7 A spinnaker, headsail or flying headsail may be tacked to a **bowsprit**. This changes RRS 55.3.
- C.1.8 A **boat** shall not carry on-board more than the number of:
- (a) spinnakers; or
  - (b) flying headsails;
- on their IRC certificate while racing.
- C.1.9 A **boat** shall not set more than three **sails** forward of the **mast**.

#### C.2 SPARS and RIGGING

- C.2.1 Adjustment or detachment of forestay and/or **shrouds**, or movement of the **mast** at the foot or the deck while racing is not permitted except in the case of a **boat** without **running backstays**, **checkstays** or adjustable **backstay** when the forestay may be adjusted but not detached.

#### C.3 CREW

- C.3.1 The **crew** weight shall not exceed 85kg multiplied by the Crew Number printed on the IRC certificate. This rule may be amended by Notice of Race.
- C.3.2 **Crew** may be weighed prior to competing. This recorded weight shall be used at any post-race verification of compliance. If **crew** is re-weighed, a new weight will be recorded and shall be used for any subsequent post-race verification. The Notice of Race may detail the procedure(s) of weighing the crew prior to competing.
- C.3.3 A **boat** shall race with the crew that were declared in ATPRR B.1.1(e).

- C.3.4 Other than as allowed by **RRS** 48.2 or C.3.5, a **boat** shall race with the same **crew**. The Notice of Race or Sailing Instructions for an event that is held over an extended period of time may change this rule.
- C.3.5 The **official measurer** may allow for **crew** to be changed if the measurer believes there is a valid reason for this to occur. In granting this approval, the **official measurer**:
- (a) may require a boat to carry additional weight, in a particular manner, to offset any change to overall crew weight; and
  - (b) shall review the TPR based on the new crew composition and if the TPR increases, inform the race committee of the new rating. The race committee shall score all races (including all races completed) of the event using the higher TPR.
- C.3.6 A Youth Sailor under the ATPRR is a sailor who is under the age of 25 years on the last scheduled day of racing at the event.

#### C.4 GENERAL

- C.4.1 The use of **moveable ballast** and/or **variable ballast** is prohibited.
- C.4.2 RRS 52 shall apply.

### SECTION D – EQUIPMENT LIMITATIONS

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#### D.1 THE BOX

- D.1.1 A boat shall comply with the following limits:

	Description	Maximum
(a)	Hull Length	15.850m
(b)	Hull Beam	4.420m
(c)	Draft	3.750m
(d)	<b>Mainsail Luff Hoist Distance</b> ('P')	21.200m
(e)	<b>Spinnaker Hoist Point</b>	<b>Upper Point</b> on the <b>mast spar</b>
(f)	IRC Rating	1.425

### SECTION E – HULL

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#### E.1 HULL SHAPE

- E.1.1 The hull shape shall be capable of complying with the hull shape rules of the TP52 class that applied at the time the boat was launched. This requirement is determined by the **Class Authority**.

### SECTION F – APPENDAGES

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#### F.1 RUDDER

- F.3.1 A **boat** shall have one **rudder**. This **rudder** shall be fixed approximately on the **hull** centreplane.

#### F.2 KEEL

- F.3.2 A **boat** shall have one **fin** and **bulb**. The **fin** shall be fixed approximately on the **hull** centreplane.

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**SECTION G – RIG**

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**G.1 SPARS**

G.1.1 The **boat** shall only have a single-masted **rig**.

**G.2 RIGGING, FITTINGS, and FASTENINGS**

G.2.1 Standing Rigging shall terminate on the hull or on exterior chainplates that extend no more than 0.012m from the hull.

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**SECTION H – SAILS**

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**H.1 GENERAL**

H.1.1 IRC Appendix A5, A6, A7, A8, and A9 (Measurement Definitions and Abbreviations regarding sails) applies.

### PART III – APPENDICES

#### CREW DECLARATION

<b>Event:</b>	
<b>Boat Name:</b>	
<b>Sail Number:</b>	
<b>Declared by:</b>	

<b>Crew Name</b>	<b>World Sailing ID</b>	<b>World Sailing Classification</b>	<b>Declared Weight (kg)</b>	<b>Youth Sailor</b>
<i>Example name</i>	<i>AUSXX01</i>	<i>1 or 3</i>	<i>87</i>	<i>Y / N</i>



