



***SPACESAILER 27 ASSOCIATION  
OF WESTERN AUSTRALIA***

**CLASS RULES  
AND  
SPECIFICATIONS**

**- CHAIRMAN'S COPY -**

**AUGUST 1999**

# SPACESAILER 27 ASSOCIATION

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## SS27 CLASS RULES AND SPECIFICATIONS

### 1. GENERAL INTENT

1.1 The Class Rules and Specifications are intended to promote the SS27 as a one design yacht class, suitable for both racing and cruising and shall apply to all yachts taking part in races held for Spacesailer 27 Class Yachts.

1.2 The shape of the hull, keel and rudder, the dimensions of the sails and rig and the weight of the yachts are to be as near the same as possible.

1.3 Close fleet racing is to be promoted by the control of equipment, without requiring unusual levels of skill or physical strength.

1.4 The development or deletion of equipment, which detracts from the yacht's cruising function, is to be discouraged.

### 2. MEASUREMENT PROCEDURES

2.1 After registration of a yacht with the Association, the owner may apply for a Certificate of Compliance for which a nominal fee may be payable.

2.2 Upon replacement of sails or repairs of extensive damage to the hull of a previously registered boat, the owner shall notify the Association in writing.

2.3 Following 2.1 or 2.2, the Association shall advise the owner the name and address of the Measurer and it shall be the responsibility of the owner to effect a mutually convenient arrangement with the Measurer, to inspect and measure the boat as to its suitability for the awarding of a Certificate of Compliance. No fees shall be paid for measurement, but the owner shall meet all reasonable travelling and out-of-pocket expenses incurred by the Measurer.

### 3. MEASUREMENT FORMS

The Committee will cause to be prepared and distributed as necessary, a measurement description, entitled the Class Rules and Specifications, which lists the measurements, tolerances, features, etc. which may from time to time, be deemed by the Association to be necessary to determine whether any yacht is acceptable to the Association for Certification as a Spacesailer 27.

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#### 4. REGISTRATION

The Measurer shall maintain a Certificate of Compliance for each Spacesailer 27 class yacht, together with it's corresponding number.

#### 5. CERTIFICATE OF COMPLIANCE

5.1 Members wishing to race must hold a Certificate of Compliance.

5.2 A Certificate of Compliance shall be granted by the Committee to each yacht that conforms to these class rules and which passes measurement within tolerance, as laid down by these Specifications.

5.3 The Committee shall have the power to withdraw, confirm or restore a Certificate of Compliance on the recommendation of the Measurer, when re-examination shows that the original certificate was inappropriate.

5.4 Provisional certificates may be issued to a boat that does not meet the requirements for a Certificate of Compliance, when the deviation from the standard boat be such that it will, in the opinion of the Measurer, not substantially alter it's performance. Such boats may race at the discretion of the Committee.

#### 6. MEASUREMENT AND INTERPRETATION

6.1 The measurement of S27 yachts shall be the responsibility of a Class Measurer, appointed by the Class Association.

6.2 A Certificate of Compliance shall be filled out and signed by the Measurer after measurement has been completed.

6.3 The Measurer shall interpret the rules with reference to rule 1. GENERAL INTENT.

6.4 In the event of a dispute involving interpretation of the rules, or if the Measurer requires clarification of a rule, the Measurer shall refer to the Class Association for a ruling.

6.5 Owners considering innovations not directly covered by these Class Rules are advised to check with the Class Measurer, particularly if they may be in conflict with rule 1. GENERAL INTENT.

6.6 All measurements are maximum with no tolerance.

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### 3.

6.7 If ownership of a yacht changes, the new owner shall inform the Class Association. The Measurer shall check the existing Certificate of Compliance and the yacht and if satisfied that the yacht is as described on the original certificate, then a new certificate shall be issued showing the details changed from the previous certificate. The old certificate shall remain attached unless a complete re-measurement is conducted.

6.8 The owner of a yacht shall be responsible for ensuring that the yacht's certificate is valid and that the yacht complies with the Class Rules and Specifications.

## 7. HULL AND DECK

7.1 All hull and deck mouldings shall be standard Spacesailer 27 mouldings in GRP as approved by the Association. Bowsprits, bumpkins and other outriggers designed to extend the effective dimensions of the hull are prohibited.

7.2 The keel will be the standard Spacesailer 27 cast lead/GRP keel, as approved by the Association. Extensions, alterations and fairing of keels are not allowed.

7.3 Deck layout and fittings are optional. No running rigging will be used below decks except through standard hatches.

## 8. RIGGING AND SPARS

8.1 The rigging of the mast shall be a single spreader masthead.

8.2 Mast height shall be measured from the centre of the cabin top to the higher of the intersection of the forestay centreline and the forward side of the mast, of the underside of the spinnaker halyard pulled forward horizontally. Maximum 10.550m.

8.3 Spinnaker pole length shall be the length of each spinnaker pole, when fitted to the mast and set in a horizontal position athwartships. It is measured from the centre line of the mast to the extreme outboard end of the pole and any fittings used when the spinnaker is set. Maximum 3.505m.

## 9. SAIL ACQUISITION

9.1 The following sails only are permitted for racing and shall have been validated by the Association Measurer: -  
one mainsail, three headsails with an LP exceeding 3.0m., two spinnakers.  
Trysail and small jibs with an LP less than 3.0m. are not restricted and shall be validated.

9.2 Any validated sail may be replaced after the expiry of twelve calendar months from the date of the original validation.

9.3 Unexpended sail acquisition rights shall not be carried forward to subsequent years. Sail acquisition rights apply to the yacht and not the owner.

9.4 If a sail is lost, stolen or destroyed, an owner may apply to the Association for permission to register a new sail. The owner will be required to demonstrate that the loss, theft or destruction was accidental and that the sail was the newest of that type registered for that yacht.

A sail shall be deemed destroyed if the repair of damage requires replacement of one third of the sailcloth.

The replacement sail shall be as near as possible to the original and if possible shall be of the same weight cloth, the same cut and from the same sail maker.

If the replaced sail is subsequently found or repaired, it shall not be used for racing, unless introduced as a new sail acquisition.

9.5 Should a validated sail be altered so as to cause a change in any dimension, the sail shall be re-measured and revalidated.

## 10. SAIL DIMENSIONS

10.1 Headsails: LP (longest perpendicular) shall be the perpendicular measurement from the luff to the clew of the headsails. Maximum 5.250m.

10.2 Spinnakers shall be symmetrical in shape and construction and measured folded in half. SL (spinnaker luff) shall be the length of spinnaker luffs, measured around the edge of the sail. Maximum 10.950m. SMW (spinnaker maximum width) shall be the maximum width of the spinnaker wherever it is found. It is measured across the body of the sail from points on the luffs equidistant from the head of the sail. Maximum 6.300m.

10.3 Mainsail battens. The mainsail shall have four battens, equally spaced down the leach of the sail. The maximum tolerance shall be  $\pm 50\text{mm}$ . Batten length is not restricted.

10.4 Bloopers or similar sails are not permitted.

10.5 Battens may not be used in headsails with an LP exceeding 3.85m. and are restricted to a maximum length of 300mm.

10.6 *(Original clause limiting sailcloth to Dacron, was deleted at AGM of 16 August 1999.)*

10.7 Sails shall be measured with sufficient tension to remove all wrinkles across the line of measurement. Measurements are to the extreme outside of the sail, including boltropes. Corners of the sails are determined by projecting the adjacent edges till they intersect.

10.8 Mainsail dimensions shall be measured where applicable in accordance with the IYRU method of measurement, as amended by Rule 10.7.

Luff - 9.600m (P)  
Foot - 2.750m (E)

Maximum sail width dimensions are based on the divisions of the leach length:

Main Girth Mid.	- 1700mm (MGM)
Main Girth Upper	- 990mm (MGU)
Maximum Head Width	- 110mm

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## 11. SAIL EXEMPTIONS

11.1 Mainsails manufactured and complying with rules in force before 30 April 1992 shall be allowed. Battens complying with Rule 10.3 may be fitted to these sails.

11.2 Sails manufactured prior to 30 June 1986 and containing materials not permitted in Rule 10.6, shall be allowed.

## 12. IDENTIFICATION

12.1 When racing in Association races, the Association identification flag shall be flown from the backstay, at a height of approximately 2m above the deck.

12.2 The Association identification flag shall be as below.



Blue print on a white background.

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