

# SONATA YACHT ASSOCIATION OF VICTORIA INC.

P.O. Box 6010, M.D.C. Doncaster, Victoria 3108

A.A. Registration No. A00107436

Visit us at [www.sonatayacht.com](http://www.sonatayacht.com)



## SONATA CLASS RULES AND RESTRICTIONS

### 1 SCOPE

These rules are laid down for championships conducted by the Sonata Yacht Association of Victoria Incorporated (SYAV).

Each Class of Sonata was created to be a one design, fixed keel or lift keel yacht, intended to be used in racing and family cruising. The class rules and restrictions are intended to preserve and encourage these design characteristics.

Consequently all Sonata Yachts within any one class, whether fixed keel or lift keel, must be essentially equal and only those alterations specifically allowed in these rules will be permitted. Other alterations which in the opinion of the protest committee, could give a yacht an advantage over her competitors are in breach of these rules and are not permitted in Sonata Class racing. Such a yacht, for racing purposes, shall be deemed not to be a Sonata yacht. Class certificates are not issued, as it is the owners responsibility to ensure that his/her yacht meets class rules.

Where Sonata 7 is referred to it incorporates Northwind 7/23. Southern Cross 23 and Sonata 7.

Where Sonata 8/26 is referred to, it incorporates Sonata 8 and Sonata 26.

Amendments to the class rules can be made only by a properly constituted committee meeting of the Sonata Yacht Association of Victoria Incorporated. Where there is any question of permissibility of any proposed detail of design, construction or rigging, a specific request is to be made to that committee.

### 2 HULL MEASUREMENTS

These are uniform in each class and are those supplied by the manufacturer for the CBH listings (refer attached SPECIFICATIONS).

### 3 HULL AND DECK CONSTRUCTION

- All Sonata yachts must be built by an authorised builder and only from authorised moulds.
- Re-shaping is not permitted.
- The hull shall be constructed of glass reinforced plastic and shall not have any additional fairing or smoothing.
- Through hull fittings for drains from sink or toilet or for the purpose of mounting a transducer are permitted.
- The hull and deck shall not have any material removed internally to reduce the weight below the manufactures specification.
- Fairing strips around the keels of Sonata 6 and Sonata 7 yachts are not permitted.

### 4 CENTREPLATES

- Centreplates for all Sonata yachts must be factory issue.
- Re-shaping is not permitted.
- Lock-downs must be fitted.
- Raising of the centreplate during a race is not permitted.
- Minimum weights are listed in the attached table.

### 5 RUDDER

- All rudders are stern mounted and may be swing or daggerboard type.
- The underwater dimensions must be those of the factory issue.

### 6 MAST AND SPARS

- Mast and boom sections must be the equivalent to the factory standard issue. Their lengths are listed in the attached table.

- A whisker pole may be used to pole out the headsail, provided that the spinnaker pole is not used at the same time.
- An adjustable spinnaker pole ring may be fitted to the mast.
- The spinnaker pole may be stored on the boom.

## 7 RIGGING

- The dimensions of the fore triangle are listed in the attached table.
- The following are permitted modifications:
  - (a) Jib luff groove systems, or multiple forestays.
  - (b) Sonata 6.7 and Sonata 8/26 may fit running backstays.
  - (c) Sonata 6.7 and Sonata 8/26 may fit running checkstays.
  - (d) Sonata 6.7 and Sonata 8/26 may move the lower shrouds in line.
  - (e) Sonata 7 may fit an inner forestay.
  - (f) Sonata 8/26 yachts may be fitted with a single set of swept back spreaders with caps and lowers in lieu of double in-line spreaders with caps, intermediate and lowers.

## 8 SAILS

- The sail dimensions are listed in the attached table.
- The maximum number that can be carried by Sonata 6, Sonata 6.3 and Sonata 7 during a race are 1 Mainsail, 4 Headsails and 2 Spinnakers. (Storm Trisail and Storm Jib are not counted)
- The use of MPS's (Genakers) is not permitted.
- Sonata 6.7 and Sonata 8/26 are unrestricted in the number of sails carried during a race.
- The mainsail must carry the class emblem and a sail number allocated or approved by the association. Spinnakers must carry a sail number.
- Through the deck spinnaker launchers are not permitted.
- The following are permitted alterations to the sails:
  - (a) Roller furling system on forestay.
  - (b) Barber haulers on spinnaker sheet brace.
  - (c) Fully battened mainsails are permitted for Sonata 7 and Sonata 8/26 in Sonata Class events, however, in "open" events, VYC rules may prohibit their use. The girth of a fully battened mainsail is to be measured in accordance with I.Y.R.U. rules as shown in the attached table

## 9 PERMITTED ALTERATIONS

The following alterations are permitted under the class rules.

- (a) Length and material of tiller extension.
- (b) Location and types of cleats for halyards, sheets, reefing lines, boom vang, backstay, cunningham eye, outhaul, topping lift, kicker or centerboard lift.
- (c) Use of Depth sounder, Knot meter, Log, Compass, Radio trans-receiver and Wind instruments.
- (d) Navigation and Deck lights.
- (e) Additions to personalise the interior.
- (f) Additions of deck prisms or ventilators, which must be watertight when shut.
- (g) Fuel or water tanks, permanent or removable.

## 10 FITTINGS REQUIRED IN CABIN

While racing, the following furniture shall be contained in the yacht : Bunk Cushions, toilet, stove and timber fitout.

## 11 SAFETY REGULATIONS

All yachts must conform at a minimum to current Yachting Australia and State Government safety regulations, with the exception of dispensations granted by the governing bodies. (Marine Safety Victoria - State Boating Council)

- Poptops must be locked down while racing.

- Safety equipment, additional to that prescribed may be carried.
- It is strongly recommended that storm boards be in place in strong wind conditions

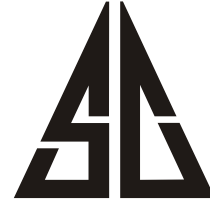
## 12 MOTORS

In all Sonata Class Championship races, yachts shall have the motor in position, ready for use in an emergency. In open yacht races, motor readiness will be at the discretion of the skipper, unless otherwise specified in the race instructions.

## 13 ASSOCIATION INSIGNIA



Sonata



Southern Cross

## 14 COMPLIANCE WITH CBH MEASUREMENTS

The published CBH measurements are listed in the attached table. No Deviations there from are permitted (see note: CBH).

### **NOTES REFERRED TO IN THE SPECIFICATION TABLE**

**Note 1 :** *The differing mast measurement between the Sonata 8 and Sonata 26, are due to the differing cabin heights, the intention being to maintain the same sail plan in relation to the waterline.*

**Note 2 :** *This is the Distance between the bottom of the mast base and the attachment point of the forestay.*

**Note 3 :** *This is the distance between the bottom of the mast base and the spinnaker halyard turning block, at or near the top of the mast.*

**Note 4 :** *Two bands of colour, contrasting with the colour of the mast and not less than 20 mm wide shall be painted on the mast. The upper edge of the bottom band shall line up with the upper edge of the boom in its functional position. The top band shall be measured from the upper edge of the bottom band to the lower edge of the top band.*

**Note 5 :** *A band of contrasting colour, not less than 20 mm wide shall be painted on the boom. The inner edge which indicates the maximum extension of the sail, shall be measured from a point where the projection of the aft side of the mast intersects the top of the boom in its proper position.*

**Note 6 :** *Fully battened mainsails are permitted for Sonata 7 and Sonata 8/26 in Sonata Class events, however, in "open" events, Yachting Victoria rules may prohibit their use.*

**Note CBH:** *(Short for Class Basic Handicap):*

*Yachting Victoria Inc. publishes and reviews CBH's annually. The CBH table contains those yacht measurements which are critical in determining the various class handicaps. The table below is provided for reference only. It was correct at the latest revision of these class. Confirm current CBH figures with Yachting Victoria.*

|                          |                          |       |
|--------------------------|--------------------------|-------|
| <b>CBH Handicaps</b>     | Sonata 6                 | 0.63  |
| <b>Yachting Victoria</b> | Sonata 6.3               | 0.645 |
| 2007                     | Sonata 6.7               | 0.71  |
|                          | Sonata 7/ Southern Cross | 0.65  |
|                          | Sonata 8/ 26             | 0.725 |

## SPECIFICATIONS PERTINENT TO SONATA CLASS RULES AND RESTRICTIONS

| ITEM         | FEATURE                                | Note      | Son. 6 | Son. 6.3 | Son. 6.7 | Son. 7 | SC23 NW 7 | Son. 8 (Son 26) |
|--------------|--|-----------|--------|----------|----------|--------|-----------|-----------------|
| Hull         | Total mass (kg)                        | CBH       | 910    | 870      | 1154     | 1135   | 1270      | 1520            |
|              | Length over all (mm)                   | CBH       | 6150   | 6595     | 6710     | 6915   | 6880      | 8090            |
|              | Length waterline (mm)                  | CBH       | 5310   | 5265     | 6380     | 6285   | 6190      | 8400            |
|              | Rated beam (mm)                        | CBH       | 2073   | 2100     | 2483     | 2438   | 2385      | 2499            |
|              | Maximum beam (mm)                      | CBH       | 2073   | 2100     | 2483     | 2469   | 2435      | 2499            |
| Centreplate  | Type                                   |           | Swing  | Drop     | Drop     | Swing  | Swing     | Drop            |
|              | Minimum weight (kg)                    |           | 227    | 250      | 227      | 409    | 409       | 227             |
| Mast & Spars | Overall mast length (mm)               | (1) & CBH | 6710   | 7780     | 9250     | 7985   | 7985      | 9530 (9400)     |
|              | Spinnaker pole length (mm)             | CBH       | 2540   | 2540     | 2430     | 2970   | 2970      | 2510            |
|              | Forestay height (mm)                   | (1 & 2)   | 6670   | 6510     | 7040     | 7920   | 7920      | 7390 (7260)     |
|              | Spinnaker exit (mm)                    | (1 & 3)   | 6670   | 6800     | 7150     | 7920   | 7920      | 8170 (8040)     |
| Rigging      | Fore triangle height (mm)              | CBH       | 7193   | 6912     | 7542     | 8535   | 8535      | 8047            |
|              | Fore triangle base (mm)                | CBH       | 2530   | 2470     | 2360     | 3000   | 3010      | 2499            |
| Mainsail     | Hoist/Luff (mm)                        | (4) & CBH | 5940   | 7090     | 8260     | 7090   | 7102      | 8370            |
|              | Foot (mm)                              | (5) & CBH | 2440   | 2480     | 2890     | 2670   | 2682      | 3100            |
| Fully        | Headboard Width at top (mm)            | (6)       |        |          |          | 120    |           |                 |
| Battened     | Maximum Girth Top at 7/8 hoist (mm)    | (6)       |        |          |          | 530    |           | 856             |
| Mainsail     | Maximum Girth Upper at 3/4 hoist (mm)  | (6)       |        |          |          | 970    |           | 1450            |
| Girth        | Maximum Girth Middle at 1/2 hoist (mm) | (6)       |        |          |          | 1650   |           | 2330            |
|              | Maximum Girth Lower at 1/4 hoist (mm)  | (6)       |        |          |          | 2200   |           | 2750            |
| No. 1 Genoa  | Luff to Clew (mm)                      | CBH       | 3730   | 3500     | 3530     | 3840   | 3840      | 4360            |
|              | Luff (mm)                              |           | 7230   | 7150     | 7590     | 8430   | 8430      | 7950            |
|              | Foot (mm)                              |           | 3960   | 3960     | 3940     | 4110   | 4110      | 3950            |
|              | Leech (mm)                             |           | 6900   | 6900     | 7000     | 7980   | 7980      | 7450            |
| Spinnaker    | Maximum width (mm)                     | CBH       | 4570   | 4570     | 4360     | 5350   | 5334      | 4460            |
|              | Luff (mm)                              | CBH       | 7010   | 7010     | 7300     | 7920   | 7925      | 8030            |



