

# SAILING INSTRUCTIONS

**Amended 6/11/2021**

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## 2021/22 ILLAWARRA YACHT CLUB FLYING ANT, 13' SKIFF, OPEN CLASS, TRAILABLE YACHT AND 16' SKIFF SERIES

### 1. Rules and Organising Authority.

The race series will be organised by the Illawarra Yacht Club sailing club and governed by the Racing Rules of Sailing for 2021-24 and Australian Sailing Special Regulations Part 1 2021-24. All day time races for Trailable Yachts are Category 7 events. All Trailable Yachts must hold a current Category 7 Certification. In the event of any discrepancy the provisions of the Sailing Instructions shall take precedence.

### 2. Eligibility, Entry and Sign On/Off.

The Race Series is open to boats that meet the safety, measurement and crew age limit requirements of their classes and are accepted by the IYC Race Committee. The Race Committee reserves the right to refuse an entry. Eligible Trailable Yachts may request adjustment of CBH for non-spinnaker entrants. This is done via written request to the handicapper. Entries will remain open throughout the series. Full sailing membership of the IYC is required when entering any series. All skipper/crew shall be members of IYC in Club Championship Races. A skipper/crew may sail in three (3) Races, after this, they must become a FULL sailing member of IYC. Boats who have unregistered skipper/crew after participating in three (3) Races in a series will not accrue points or be eligible for prizes/prizemoney. When multiple Races are scheduled on a day this will be classified as one (1) Race.

Boats or skippers shall be required to carry a minimum of \$10 million indemnity insurance for the duration of the series.

The Sign on/off sheets will be located at the Canteen.

#### **Flying Ant and 13 Skiff**

Failure to sign on before starting or sign off within 30 minutes of the finish time of the last boat by the helmsperson or crew will result in a 5-minute time penalty in a Point Score race.

#### **Open Class, Trailable Yacht and 16' Skiff**

Failure to sign on for each race by the helmsperson or crew will result in a 5-minute time penalty in a Point Score race.

#### **16' Skiff Sprint series**

Failure to sign on before the first race by the helmsperson or crew will result in a 5% handicap penalty for all sprint races held on that day.

### 3. Notices to Competitors.

Notices to competitors will be posted on the official notice board, located on the glass windows outside of the canteen.

#### **4. Changes in Sailing Instructions.**

Any changes in the Sailing Instructions will be posted at least 1 hour before the warning signal on the day it will take effect of the affected division, except any change to the schedule of races will be posted by 1800 on the day before it will take effect. Where possible, all effected boats will be notified of the change.

#### **5. Signals Made Ashore.**

Signals made ashore will be displayed on the signal mast on the club jetty.

#### **6. Schedule of Races.**

Races will be as scheduled in the IYC 2021/22 Sailing Program and comprise the following series:

##### **Flying Ant**

**A.** Club Championship Series of 7 Races. **B.** Point Score Series of 21 Races. **C.** 'First Half' Point Score Series of 10 Races. **D.** 'Second Half' Point Score Series of 11 Races.

##### **13' Skiff**

**A.** Club Championship Series of 7 Races. **B.** Point Score Series of 20 Races. **C.** 'First Half' Point Score Series of 10 Races. **D.** 'Second Half' Point Score Series of 10 Races.

##### **Open Class**

**A.** Club Championship Series of 7 Races. **B.** Point Score Series of 20 Races.

##### **Trailable Yacht**

**A.** Club Championship Series of 7 Races. **B.** Point Score Series of 15 Races. **C.** Trailable Yacht Windward-Leeward course of 8 Races **D.** Night Race series of 6 Races **E.** 'First Half' Point Score Series of 8 Races. **F.** 'Second Half' Point Score Series of 7 Races. **G.** Long Course Series of 4 Races **H.** Twilight Series of 5 Races.

##### **16' Skiff**

**A.** Club Championship Series of 7 Races. **B.** Point Score Series of 17 Races. **C.** Sprint Series of 12 Races. **D.** Sprint Handicap Series of 12 Races. **E.** 'First Half' Point Score Series of 9 Races. **F.** 'Second Half' Point Score Series of 8 Races.

#### **7. Class Flags.**

##### **Flying Ant**

The class flag will be a white flag with a red and black Flying Ant symbol.

##### **13 Skiff**

The class flag will be a white flag with red 13 superimposed.

##### **Open Class**

The class flags will be: Triangle Course, Code Flag T and Windward Leeward, Code Flag O.

##### **Trailable Yacht**

The class flag will be a pink flag with black 'T' superimposed.

##### **16' Skiff**

The class flag will be a white flag with black 16 superimposed.

#### **8. Racing Area and Courses.**

Races will be conducted on Lake Illawarra on courses as described in Appendix A, including the order in which marks are to be passed. The side that buoys are to be left will be indicated by a red flag for port rounding or green flag for starboard rounding. All boats must stay on the correct side of all navigation marks. For Trailable Yachts, Courses will also include the Passage Courses used for the Lord Mayor's Regatta, The Australia Day Regatta, Night Race Series and Twilight Race Series.

**8.1 Unless finishing, boats shall not cross the finish line whilst the blue on-station flag is hoisted.**

**8.2 The Windward-Leeward Legs(s) may be adjusted for individual boats to round the shorter length course (either Mark 1 or 3 with the Flying Ant Flag) for a number of times instead of the longer course (16 flag), as indicated on the sign on sheet. The shorter leg(s) shall be sailed first.**

### **Flying Ant**

The aim is to achieve the target elapse times for the fastest boat of;  
Club Championship & Point Scores with 1 race held on the day: 60 minutes.  
Point Scores with 2 races held on the day: 30 minutes.

### **13' Skiff**

The aim is to achieve the target elapse times for the fastest skiff of;  
Club Championship & Point Scores with 1 race held on the day: 70 minutes.  
Point Scores with 2 races held on the day: 35 minutes.

### **Open Class**

The aim is to achieve the target elapse times for the fastest boat of;  
Club Championship & Point Scores with 1 race held on the day: 100 minutes.  
Point Scores with 2 races held on the day: 50 minutes.

Note: Open class - if either division does not have more than 2 starters, they will join the other open division as a casual entry. If neither division has more than 2 boats, they will default to the triangle open class course.

### **16' Skiff**

The aim is to achieve the target elapse times for the fastest skiff of;  
Club Championship & Point Scores with 1 race held on the day: 90 minutes.  
Point Scores with 2 races held on the day: 45 minutes.  
Sprints: 20 minutes.

### **Trailable Yacht**

For the Trailable Yacht Windward-Leeward Series, the aim is to achieve the target elapse times for the fastest boat of 30 minutes.

## **9. Marks.**

Marks will be Orange, Yellow or Pink inflatable buoys that will carry flags as below (Refer to course map);  
Flying Ants and Open Triangle will carry a red flag with a black Flying Ant Class Flag on all buoys **except the common mark.**

All Windward – Leeward courses will carry the 16' Skiff (white flag with black 16 superimposed) flag on Marks 1 & 3.  
Trailable Yacht Mark 2 will carry the Trailable Yacht class flag (pink flag with black 'T').

The starting mark will be an Orange, Yellow or Pink inflatable buoy which will carry an orange flag with a black "S".

Courses finishing in front of the club: The finishing mark will be a green cone opposite the IYC will carry code flag 'F'.

Courses finishing on the water: The finishing mark will be the same as the start mark.

Change of Position mark (as provided in accordance with Instruction 12) will be a white inflatable cylindrical buoy with red bands.

## **10. The Start.**

The start line may be positioned in either location as shown on the course map.

Races will be started using RRS 26. A red or green flag raised will indicate the course. A flag or board indicating a course of "N", "NE" etc will also be displayed. Code Flag "D" may be displayed to indicate that division will be finishing downwind (see course map).

### **13' Skiff, Open Class WL and Trailable Yacht WL**

The number of times a boat must round mark 1 will be indicated by a number board (1 – 5) being displayed, set at the starter's discretion considering the location of marks and the wind strength. **13' Skiff & Open Class WL will be on a white board & Trailable Yacht WL will be on a pink board.**

### **16' Skiff**

The number of times a skiff must round mark 1 will be indicated by numeral pennant (2 – 9) being displayed, set at the starter's discretion considering the location of marks and the wind strength.

The preferred starts at IYC will be in six (6) start times:

Start 1 – Flying Ant,  
Start 2 – 13' Skiff,  
Start 3 - Open class (am),  
Start 4 – Trailable Yacht,  
Start 5 – Open Class (pm) and  
Start 6 – 16' Skiff.

Starts 1, 2, and 3 – The first warning Signal time will not be before 1050hrs.

Handicap starts (am) – The limit board will not fall before 1055 hrs.

Starts 4, 5 and 6 – The first warning signal time will not be before 1415hrs.

Handicap starts (pm) – The limit board will not fall before 1420 hrs.

For 16' Skiff Sprint series – The first warning signal time will not be before 1415 hrs.

For combined starts with more than 1 (one) division, the class flag of both divisions will be displayed as the warning signal.

Boats shall not start 10 minutes after their starting signal. Any boat not starting within 10 minutes of their starting signal will be deemed a non-starter (DNS).

For Handicap Starts, boats will start at the **fall** of the board bearing their handicap. For the first race of 2 Point Scores held on the same day, Half Minute handicap boards will be displayed when required. Boats shall not start 10 minutes after the **fall** of the board bearing their handicap.

The starting line will be between the signal mast carrying the orange flag on the race committee boat at the starboard end, and the port-end starting mark.

*For sprint races (16' Skiff): Races shall be started using the 3 minute sequence as follows. 3 min Class flag raised, 2 min Preparatory flag raised, 1 min Preparatory flag removed, 0 min Class flag removed. This amends RRS 26. Subsequent races will begin approximately 4 minutes (or to the starter's discretion) after the last boat completes the preceding race.*

*For the second race when 2 Point Scores are held on the same day: Subsequent races will begin approximately 6 minutes (or to the starter's discretion) after the last boat completes the preceding race.*

## **11. Recalls.**

Racing Rule 29 will apply for all races.

Handicap starts, Flag X will be displayed for a maximum time of 1 minute and may be a momentary signal when boats start on adjacent minutes or half minutes. A sound signal may be made (Amends RRS 29.1 and Race Signal X). Boats starting at an incorrect handicap time will not be signalled.

## **12. Change of the Position of the Next Mark.**

To change the position of the next mark, the Race Committee will lay a new mark (as described in Instruction 9) and remove the original mark as soon as practicable. If the change of the next mark does not apply to all divisions, the effected division(s) class flag(s) will be displayed.

When, in a subsequent change, a new mark is replaced, it will be replaced by an original mark.

## **13. Shortened Course.**

As an alternative to shortening the course using Race Signal "S", the following alteration can also apply: Race Signal 'S' over 'H' when displayed on or near a mark means the race is shortened. Boats shall, after rounding or passing the mark closest to the club [Mark 1 E(s) & NE(p), Mark 3 W(p) & SW(s), Mark 2 S(p), N(s), SE(p) & NW(s) and completing the course of the leading boat, proceed directly to the finish line. If the shortened course does not apply to all divisions, the effected division(s) class flag(s) will also be displayed.

*Races finishing on the water may also be shortened at the finish line. Race Signal 'S' will be displayed at the finish line. Boats when finishing shall cross the line in the direction from the last mark to sail the same course as the leading boat.*

## **14. The Finish.**

a) Finishing at the club – The last race scheduled for the day for each division except for 16' Skiff Sprint Series; The finishing line will be between the judge's position at the IYC with a checked flag displayed nearby and the finish mark at the starboard end.

b) Finishing on the water —When multiple races are scheduled on the same day, all races except the last race; The finishing line will be the same as the start line. Boats shall cross the finish line in the direction from their last mark. 16' Skiff Sprint Series will finish all races on the water.

## 15. Time Limit.

At the discretion of the race officer, boats still racing when all other boats have finished or for safety reasons may be awarded their current placing or have their course shortened.

### Flying Ant and Open class

The time limit will be 2.5 hours except for Handicap Starts where the time limit for the scratch boat will be 2.5 hours.

Point Scores where 2 or more races are scheduled on the same day, the time limit will be calculated as 2.5hours / # of races.

### Trailable Yacht and 16' Skiffs

Club Championship, Point Scores and Long Course Series when 1 race is scheduled on the day: The time limit will be 3.5 hours except for Handicap Starts where the time limit for the scratch boat will be 3.5 hours.

Point Scores where 2 or more races are scheduled on the same day, the time limit will be calculated as 3.5hours / # of races.

Sprint races: 45 minutes.

Trailable Yacht Windward-Leeward races: 60 minutes.

## 16. Wind Limit.

At the discretion of the race officer, boats still racing and for safety reasons may abandon the race because of foul weather.

### Flying Ant, 13' Skiff, Open Class and Trailable Yacht

When the wind strength consistently exceeds 25 knots in a 5 minute period immediately before the normal starting time, then the race will be abandoned.

## 17. Protests.

Protests shall be written on forms available from the Canteen and delivered there within 1 hour after the time of the last boat's finish in the last race held that day. Protests must be handed to a member of the Race Committee accompanied by a protest fee of \$20 for senior classes and \$5 for junior classes. Protests will be heard in approximate order of receipt and protest notices will be posted within 30 minutes of the protest time limit to inform competitors where and when there is a hearing in which they are parties to a hearing or named as witnesses.

## 18. Scoring.

A minimum of four (4) races are required to constitute a series; Club Championship, Trailable Yacht Windward-Leeward Series, Sprint Series and Sprint Handicap Series. For the Club Championship, a boat will discard her worst score when seven (7) races are completed. For Trailable Yacht Windward-Leeward Series, a boat will discard her worst score when seven (7) or more races are completed. For Long Course series a minimum of two (2) races constitute a series. All Long Course Races will count, there will be NO discards. For 16' Skiff Sprint Series and Sprint Handicap Series, a boat will discard her worst score when seven (7) or more races are completed. Ties in any series will be broken according to RRS Appendix A8.

Low Points System (except with first place = 0.75 points) will apply to **ALL** Club Championship, Trailable Yacht Windward-Leeward Series, Long Course Series, Sprint Series and Sprint Handicap Series.

When a rostered Duty Crew coincides with a scheduled sailing day, the boat will be awarded "average points" for that race based on its 3 prior races. When this is not possible the 3 races before and after the duty Crew day will be used. **It is the responsibility of the owner/skipper to organise an alternate date/swap if they are unable to fulfil their Duty Crew responsibility when their allocated day occurs.**

### Flying Ant, 13' Skiff, Open class and 16' Skiff

The 16' Skiff High Points scoring system (500, 334, 223, etc) will apply to the Flying Ant, 13' Skiff, Open and 16' Skiff Point Score series. For Flying Ant, 13' Skiff, Open and 16'Skiff her score will be the total of ALL races conducted.

## **Trailable Yacht**

Trailable Yachts will use the Low Points System (except first place = 0.75 points) for ALL series. The Club Championship is based on the class's CBH. The CBH for each class of yacht will be based on the ASTYSB Rule July 2017. The Point Score Series is a series of 15 races with the best 12 races to count. When ten to fourteen (10-14) races are completed, the worst 2 races will be discarded. For First Half and Second Half Point Scores ALL races will count. The Point Score Series is based on a boat's PBH. When a Long Course race is sailed, these boats will use their CBH for results. The Trailable Yacht Windward-Leeward Course Series is a series of 8 races with the best seven (7) races to count. When less than seven (7) races are completed, a boat's score will be the total of all Trailable Yacht Windward-Leeward races sailed. For the Twilight Series, a minimum of 2 races is required for a series. All heats will count. A boat's CBH and PBH will be used for results. For Trailable Yachts, a Did Not Compete (DNC) shall be assigned a fixed value of 25 points per race.

## **19. Handicaps.**

For Point Scores, each boat's handicap will be adjusted as described below. When 2 Point Score races are held on the same day (for 13' skiff and 16" skiff), each boat's handicap will be halved for the first race. After the first race, the handicaps will revert to a full handicap, adjustments made, then halved for the second race. Boats who score DNF, DSQ or OCS will be eligible for adjustments to their handicap, DNS or DNC will not. Minutes based handicaps will have a minimum of zero (Scratch). If boats are adjusted into negative numbers, all boats will be adjusted up by the largest negative number, up to a maximum of Thirty (30) minutes.

### **Flying Ant**

The handicapper using the following principles will set handicaps:

- 1<sup>st</sup> place; gain 4% handicap,
- 2<sup>nd</sup> place; gain 2% handicap,
- 3<sup>rd</sup> place; gain 1% handicap and
- Every 2<sup>nd</sup>, 4<sup>th</sup> place; gain 1% handicap.

### **13' Skiff**

The handicapper using the following principles will set handicaps;

Point Score:

- 1<sup>st</sup> place; lose 4 minutes handicap,
- 2<sup>nd</sup> place; lose 2 minutes handicap,
- 3<sup>rd</sup> place; lose 1 minute handicap and
- Every 2<sup>nd</sup>, 4<sup>th</sup> place; lose 1 minute handicap.

### **Open Class**

For the Open Triangle course, VYC yardstick will be used and as amended by the class committee. Personal handicaps are adjusted by either deduction or addition of points:

- 1<sup>st</sup> place deduction of 3 points,
- 2<sup>nd</sup> place deduction of 2 points,
- 3<sup>rd</sup> place deduction of 1 point,
- 4<sup>th</sup> place no adjustment and
- 5th, 6th, 7th, 8th etc, addition of 1 point to personal handicap.

### Open Class Rig Selection

Applies to boats that have a choice of rigs eg. Laser and Spirals

1. Rig selection may be by:
  - a. Consensus of the racing boat owners
  - or
  - b. Individual choice of the sailor.

2. Handicapping
  - a. Carryover of personal handicap for rig used/selected last season for the first point score race will apply.
  - b. If using an alternate rig, the initial handicap will be the Victorian Yardstick for that class. eg. Laser Standard 114, Laser Radial 118.5 & Laser 4.7 125. The PHS handicap will be calculated after 3 completed races.
3. Club Championship Races
  - a. Handicap will revert to Victorian Yardstick.

### **Trailable Yacht**

The Australian Trailable Yacht and Sports Boat Class Based Handicap (CBH) system (July 2017) will be used in Club Championships, Twilight Series and Long Course Series. In Point Score Series and Trailable Yacht Windward-Leeward series, a Provisional Boat Handicap system (PBH) will be used and be amended by the class committee. All newly registered / re-registered Trailable Yachts will be assigned an initial PBH equal to the current highest TY PBH (ie. the 'scratch' mark TY). After 3 races a performance adjusted PBH will be assigned to the newly registered/re-registered Trailable Yacht.

The PBH system to be used in 2021/22 will be based on the following principles:

1<sup>st</sup> place: Addition of +0.03

2<sup>nd</sup> place: Addition of +0.02

3<sup>rd</sup> place: Addition of +0.01

Every second 4<sup>th</sup> place: Addition of +0.01

### **16' Skiff**

The handicapper using the following principles will set handicaps;

Point Score:

1<sup>st</sup> place; lose 4 minutes handicap,

2<sup>nd</sup> place; lose 2 minutes handicap,

3<sup>rd</sup> place; lose 1 minute handicap and

Every 2<sup>nd</sup>, 4<sup>th</sup> place; lose 1 minute handicap.

Sprints:

1<sup>st</sup> place; gain 4% handicap,

2<sup>nd</sup> place; gain 2% handicap,

3<sup>rd</sup> place; gain 1% handicap and

Every 2<sup>nd</sup>, 4<sup>th</sup> place; gain 1% handicap.

### **20. Disclaimer of Liability**

Competitors participate in the series entirely at their own risk. See 2021-24 RRS Rule 3, Decision to Race. IYC and its officers will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after competing in the races. Competitor's attention is drawn to the signed waiver on their club registration form.



## IYC CLUB COURSES – APPENDIX A



All boats must stay on the correct side of all navigation marks.

**Windward – Leeward.** Marks 1 & 3 16

Start > 1, 3 [x # roundings of 1] >>> Finish. The # of roundings will be indicated per the Sailing Instructions.

If Code Flag “D” is displayed at the warning signal, ignore the last 3 and finish down wind

Courses where Code Flag “D” would be expected; W, SW, S, N, SE, NW

### Triangle Courses

Type	Rounding	Common Mark	FA & Open Marks	FA & Open	FA, Open & TY		TY Marks			TY	
				Long	Short		Short	All	Std/long	Standard	Long
Finish		<span style="border: 1px solid black; padding: 0 2px;">16</span>	<span style="background-color: red; color: white; padding: 0 2px;">A</span>	At Club	On Water	At Club	<span style="background-color: red; color: white; padding: 0 2px;">A</span>	<span style="background-color: magenta; color: white; padding: 0 2px;">T</span>	<span style="border: 1px solid black; padding: 0 2px;">16</span>	At Club	At Club
N	Stbd	1	2&3	1,2,3,1,3,1,2,3,1	1,2,3,1,3	1,2,3,1	3	2	3	1,3,1,2,3,1,3,1	1,3,1,2,3,1,3,1,2,3,1
NE	Port	1	2&3	1,2,3,1,3,1,2,3	1,2,3,1,3	1,2,3,1,3	3	2	3	1,3,1,2,3,1,3	1,3,1,2,3,1,3,1,2,3
E	Stbd	1	2&3	1,2,3,1,3,1,2,3	1,2,3,1,3	1,2,3,1,3	3	2	3	1,3,1,2,3,1,3	1,3,1,2,3,1,3,1,2,3
SE	Port	3	1&2	1,2,3,1,3,1,2,3,1	1,2,3,1,3	1,2,3,1	1	2	1	1,3,1,2,3,1,3,1	1,3,1,2,3,1,3,1,2,3,1
S	Port	3	1&2	1,2,3,1,3,1,2,3,1	1,2,3,1,3	1,2,3,1	1	2	1	1,3,1,2,3,1,3,1	1,3,1,2,3,1,3,1,2,3,1
SW	Stbd	3	1&2	1,2,3,1,3,1,2	1,2,3,1,3	1,2,3,1	1	2	1	1,3,1,2,3,1	1,3,1,2,3,1,3,1,2
W	Port	3	1&2	1,2,3,1,3,1,2	1,2,3,1,3	1,2,3,1	1	2	1	1,3,1,2,3,1	1,3,1,2,3,1,3,1,2
NW	Stbd	1	2&3	1,2,3,1,3,1,2,3,1	1,2,3,1,3	1,2,3,1	3	2	3	1,3,1,2,3,1,3,1	1,3,1,2,3,1,3,1,2,3,1

Course length will be set to achieve the target times as indicated in the Sailing Instructions. As a guide;

Morning; Triangle at 60°, approx. 800m between each mark. 13's, 1 – 3 approx. 1.5km.

Afternoon; Triangle at 60° approx. 1.2km between marks. W-L 1 – 3 approx. 1.9km, TY Mark 2 at 90° degrees