



2022 - 2023 SAILING HANDBOOK

DINGHY, CRUISING, INSHORE & OFFSHORE SERIES



Amendment 1



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Incident and Race Control Reporting

FSC Sailing Safety / Race Control Reporting

Whilst participating in any sailing activity there is a fundamental obligation to inform Race Team, Race Committee or Sailing Office of incidents as soon as practical.

An incident is any event where there is any damage or risk of damage to people, property, and/or the Club.

For club sanctioned Cruising Events, the designated-on water safety boat is to be informed.

FSC Incident Reporting

Any accident, boat, or equipment failure resulting in any of the following, and where the report may improve safety and reduce the likelihood of a recurrence then a formal Fremantle Sailing Club Incident Report should be completed.

- Injury that required professional medical attention
- Incidents involving the need to inform Race Control such as contact between boats, MOB, Grounding, structural failure
- Failure of FSC's management systems that resulted in a materially worse outcome
- Incident requiring outside assistance e.g., activation of a beacon / distress signal, Sea Rescue, 3rd Party to the event / race.
- A near miss of any of the above. A near miss is considered as an incident where no property was damaged, and no personal injury was sustained but were given a slight shift in time or position catastrophic damage and/or serious injury easily could have occurred.



Fremantle Sailing Club's 2022 - 2023 Sailing Club Committees

Commodore	Phil Hearse
Vice - Commodore	Anita Wyntje
Rear Commodore of Sail	Steve Parkinson
Rear Commodore of Power	Charlotte Osborne
Rear Commodore of Fishing & Dive	Neville Norkett

Offshore Captain	John Rayner
Secretary	Hanna Cydejko
Treasurer	Dick Sherwood
Safety Representative	Peter Kennington
Safety Representative	Doug Steel
Principle Race Officer	Trevor Milton
Race Officer	Cameron Berg
Committee Member	Michael Thorpe
Committee Member	Mark Wheeler
Committee Member	Geoff Bishop
Committee Member	Ian Whitehead

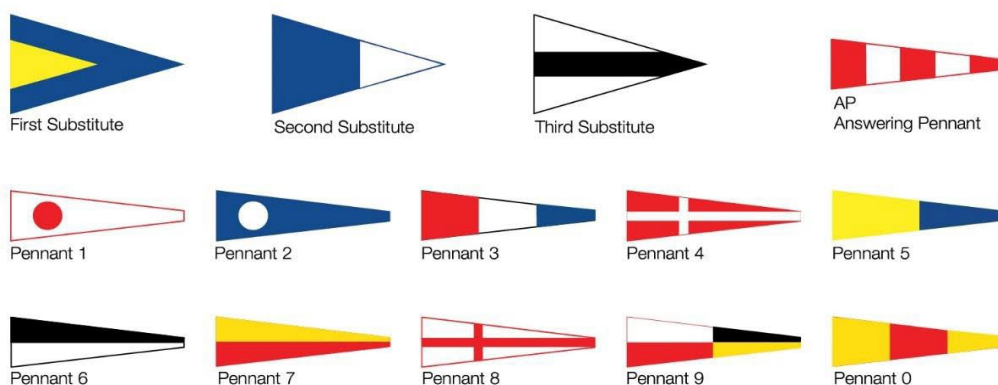
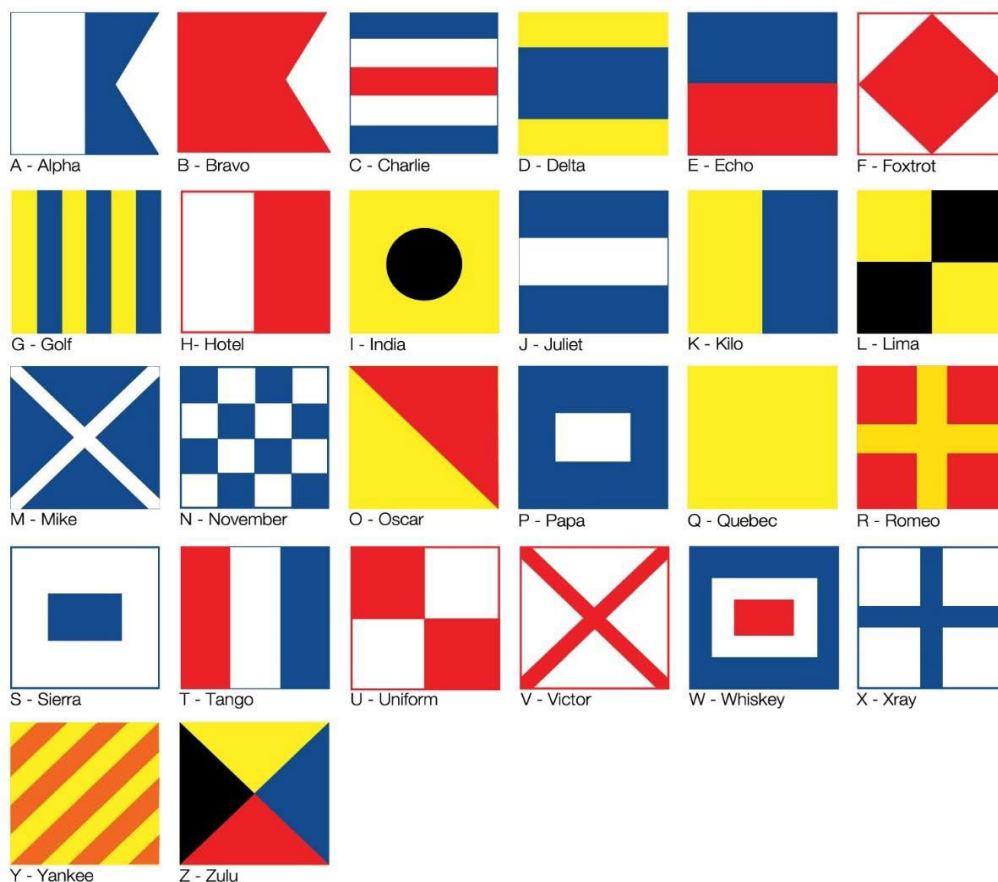
Inshore Captain	
Secretary, Treasurer, Twilight Rep	Ian Ward
Principal Race Officer	Colin McDougall
Handicapper	Ernie Delfos
Division 1 Representative	Peter Kennington
Division 2 Representative	Martin Graville
Division 6 Representative	Steve Laws
Safety Officer	Graeme Martin
Publicity & Trophy Officer	Kath Moulden
Committee Member	John Palmer
Committee Member	Dominic DiLatte
Committee Member	Ron Kooy

Cruising Captain	Martin Rice
Cruising Vice Chair	Annie Otness
Committee Member	Claire Henderson
Treasurer	Michaela Walters
Safety Officer / Jib & Main Sunday Sails	Ole Otness
Committee Member	Dean McKenna
Committee Member	David George
Committee Member	Doug Steel
Committee Member	Neale Knight
Committee Member	Alpha Thorpe

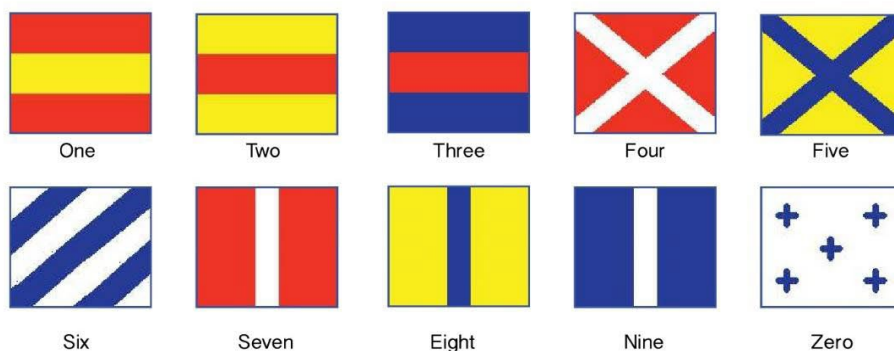
Dinghy Captain	Matt Till
Volunteers	Heinz Niemann
Bosuns & Maintenance	Brett Phillips
Communications	Alex Thompson
Race Officer (Racing)	Paul Harford
Secretary	Roger Pell

International Code Flags

International Code Flags



Naval Numeral Flags





Dinghy Racing Summer Series

2022/2023

Date	Event
01.10.22	Opening Day / Dinghy Section Sign On
08.10.22	Championship 1
15.10.22	Consistency Race 1
22.10.22	Consistency Race 2
29 & 30.10.22	Sail Freo (Sat/Sun)
05.11.22	Consistency Race 3
12.11.22	Consistency Race 4
19.11.22	Championship 2
19.11.22	COS OPTI Cup 1
26 & 27.11.22	WA Laser States
26 & 27.11.22	505 State Championships (Sat/Sun)
03.12.22	RFBYC ICR Dinghy Regatta
10.12.22	COS OPTI Cup 2
10.12.22	Consistency Race 5
17.12.22	Christmas Closing - Burger Race
02.01.23	Laser Nationals (NSW)
09.01.23	MUSTO Optimist National Championships
21.01.23	505 Nationals (QLD)
28.01.23	Consistency Race 6
04.02.23	Consistency Race 7
04.02.23	COS OPTI Cup 3
11.02.23	Consistency Race 8
18 & 19.02.23	Royal Perth Mini Series (Sat/Sun)
25.02.23	Racing Championship 3
03.03.23	Dinghy Walpole Regatta Weekend
04 & 05.03.23	Optimist State Championships (Sat/Sun)
11.03.23	Championship 4
18.03.23	Consistency Race 9
18.03.23	COS OPTI Cup 4
19.03.23	MBSC - Three of a Kind
25.03.23	COS OPTI Cup 5 + Prize Giving
25.03.23	Consistency Race 10
01.04.23	Championship 5
15.04.23	Championship 6
21.04.23	Interclub Championship (Fri/Sat/Sun)
29.04.23	Championship 7
06.05.23	Dinghy End of Season Party



Legend

Consistency Race Day > Afternoon Racing 1330
(Junior, Youth & Senior Classes)
Championship Race Day > Afternoon Racing 1330
(Junior, Youth & Senior Classes)

Fremantle Sailing Club

Fremantle Sailing Club (FSC) is a 'not for profit' sporting organisation plays a key role in the Western Australian community. It is the gateway to the Indian Ocean, providing an aquatic playground envied worldwide for the unique obstacle free expanse of water and consistent local winds.

Our club is home to over 3,000 enthusiastic members of all ages and is a community dedicated to the ocean.

FSC is an Australian Sailing accredited training organisation providing courses for people of all levels interested in sailing.

The club is considered a world class training facility established to:

- Engage young people in our community to explore the adventure of sailing
- Promote sailing as an accessible and exciting option by making sailing more affordable to young families
- Provide structured programs for sailors and volunteers
- Equip champion sailors with skills and resources to mentor new sailors.

Our Head Coach Mikael Lundh is a former National Team Coach (SUI) with extensive experience in the sailing industry.

Mikael leads a dedicated team of coaches aiming to deliver exciting sailing programs and development activities across each level of sailing abilities.



Training courses at Fremantle Sailing Club are open to the public, affiliated clubs, and members.

To register your interest for any of these courses please email your name, phone number and course of interest to the FSC Training Coordinator: sailing@fsc.com.au.

Off The Beach Sailing – Dinghy Section

The Off The Beach (OTB) sailing Dinghy Section is a vibrant and welcoming group of sailors with a broad range of skills and knowledge, the section includes several World Champions, Olympians and up and coming sailors.

Dinghy Section has its own dedicated club house, storage facilities, on water support craft and lawn rigging area. Including three launching areas that provide sheltered water access directly from the rigging area and then a short sail to the beautiful pristine waters of the Indian Ocean.

OTB sailing occurs all year round with a summer season of racing and training between October – April and winter training April - October.

Novice sailors are well catered for, via a managed program of development, sailing in the inner completely sheltered waters directly off the dinghy lawn. (small pond)
Then as sailors gain confidence and skill moving to the marina inner harbour (big pond) before heading onto the ocean.

The Dinghy Section is an active section socially with regular family events, sundowners and on water adventure cruising.

The FSC Coaching team aims to develop sailors into a lifelong participation across all levels of the sport. Membership to the dinghy club provides access to all facilities including dining, bar and club events.

Families are encouraged to get involved both on and off the water and are welcome to join the club under one of the membership options.

Refer to the club site for details [FSC Membership](#)

OTB - Dinghy Training and Racing

OTB sail training occurs throughout school terms from Tuesday to Saturday, Saturday things ramp up with activity all day starting with morning training sessions and racing in the afternoon.

Sailing Participation

In 2022 Australian Sailing focus for Discover Sailing Clubs are programs which encourage people interested in sailing to continue their participation via fun and tailored pathways no matter what class of boat or board sailed. In support of this approach our Dinghy section has several programs, sailing classes (dinghy's) available for all types of sailing and sailors from absolute beginners through advanced to future Olympic stars.

Each stage of your sailing experience is supported by our coaching team, our vision is to develop sailors in four quality training groups: -



FSC Blue, Green, Intermediate and Open sailing groups are set on individual skill level and sailing experience.

The Club strives to have the best possible coaches available with a maximum ratio of ten sailors to one coach. All training is managed and mentored by the Head Coach who will work with parents and sailors to transition each sailor to the next level and into a youth class when the time is right for them. Training aimed at developing sailors in a fun environment appropriate for each sailor.



Fleets typically use Optimist Dinghy's

FSC Blue fleet

The prerequisite to join this fleet is the completion of a club "Try Sail Course" (7 to 12yrs) with the subsequent invitation for sailors and their parents to join the club and gain access to more coached training and skills development. Try Sail, Blue Fleet (and Green Fleet) members have access to club owned Optimists for this period of their training

Green fleet

For progression into the green fleet, sailors should have developed the following skills: -

- Rig and de-rig their own boat
- Launch and retrieve their own boat from the beach
- Capsize and right the boat on their own
- Tack and gybe with the correct technique
- Sail upwind, sail downwind understand sailing angles

In the green fleet sailors continue to develop skills, learn how to sail around a course and have access to higher specification equipment and boats.

Training in the big pond predominantly and on the ocean in light to medium winds.

Intermediate Fleet

In this group sailors are equipped to participate in club training programs typically sailing their own boats. They will learn how to make the boat go faster and continue to develop techniques for boat handling throughout the wind range and training on our beautiful Indian Ocean.

This program allows children (mostly 8+ to 12yrs) with some basic sailing lessons to continue practicing under the watchful eye of club coaches. Club leased boats are available to members for a set agreement period.

Open Fleet:

Sailors will be confident in their sailing abilities, may develop the interest in racing and have completed a minimum of one season in the Intermediate fleet.

Children range in age from 10 – 14 years, but inclusion in this fleet is purely dependent on sailing ability rather than age. The Open Fleet is encouraged to consider competing in club racing and consider entering competitions at other sailing clubs.

Coaches will continue to develop technique and skills with a focus on improving their sailing ability and enjoyment of the sport.

Progressing to Keelboat Sailing and Racing

Once sailors become competent in the Open Fleet levels and are over fifteen years old, there are number of options to join a crew of a 'big boat' in the Keelboat fleet.

Junior Sailors are encouraged to consider taking an active part in the crewing on a keelboat and the club sailing office and coaches are able to provide assistance in getting a ride and experience in these boats

Sailing Classes at FSC

Fremantle Sailing Club is open to any classes wishing to join the club; major classes at the club are as follows: -

Optimist is a single-handed class sailed by juniors up to 15 years of age with many beginning their sailing careers from the age of eight years. With its simple rigging, it is very easy for children to learn the basics of sailing and gain invaluable racing experience as they progress. Many Olympic sailors started in Optimists.



ILCA Class (Laser) is an Olympic class one-design single handed dinghy measuring 4.2m, sailed by men and women of all ages. Depending on weight and ability, the sailor can race the 7sqm standard rig, the 5.7m radial rig, or the smaller 4.7sqm rig, which is an ideal training dinghy for younger or lighter sailors.



The **29erXS** has been introduced recently as performance skiff boat to the 29er. This boat uses the same hull and other gear as the 29er, whilst sporting a reduced sail area and rig size as pathway boat from the Optimist class to double handed sailing.

The **29er** is a two-man high performance sailing skiff which is targeted at youth, especially those training to sail the larger 49er. It has a single trapeze and a fractional asymmetric spinnaker. The spinnaker handling challenges crews to be fit, coordinated, and manoeuvres in the boat require athleticism due to design and high speed.



International 505 is a One-Design high-performance two-person monohull planning sailing dinghy, with spinnaker, utilising a trapeze for the crew. This class boasts multiple Olympic and World champions but does not restrict entry to the class anyone can turn up at a worlds and race against the best!



Sports Keelboats

SB 20 is a sports boat sailed with up to 4 crew. The club has a small fleet of these boats and this provides opportunities for those sailors who want to sail and race in a team environment and don't own a boat. These boats are sailed from novices to champions and are about fun and participation.

Melges 24 is a high performance sports boat available for members to train and race as per the SB's this boat provides the opportunity for sailors to develop Keelboat racing skills



Bic Techno 293 sailboard is used in the ISAF Youth World Championships and is heavily promoted by Australian Sailing.

The Techno 293 Class is devoted to fostering the development of windsurf racing for competitors under the age of 19 world- wide through the promotion of an inexpensive racing format.



WindFoils are an exciting new sailing class and Olympic class. At FSC we have access to some of the best sailors and coaches in the country for this exciting class

Other Classes. FSC is always eager to welcome other classes to train and race. Please contact the sailing office sailing@fsc.com.au



Racing Information

Sailing Instructions and Notice of Race for Dinghy Racing are available from Club Reception, Dinghy Clubhouse or online at www.fsc.com.au closer to event start dates.

Club racing occurs every Saturday in the summer season with awards for over the line and consistency awarded. The Sailing Instructions for the general summer season can be found in this book or www.fsc.com.au



Alternatively call the Sailing Office on 9435 8800 to register your email address for race announcements.



Dinghy Racing Summer Series - Sailing Instructions 2022-23

1. RULES

- 1.1 The rules as defined in The Racing Rules of Sailing (RRS).
- 1.2 The rules as defined in The Racing Rules of Sailing (RRS) Appendix B apply for Windsurfer competitors.
- 1.2 The Australian Sailing Special Regulation Part 2 Off the Beach Boats will apply. [DP]
- 1.3 Arbitration will be conducted in accordance with RRS Appendix T.
- 1.4 RRS 60.1(a) is changed so that '[NP]' denotes a rule that shall not be grounds for a protest by a boat.
- 1.5 RRS 63.1(a), 64.1 and Appendix A5 are amended to enable the Race Committee to apply a standard penalty '[SP]' without a hearing for some breaches of the rules. The SP for this regatta is 2 points.
- 1.6 Notation '[DP]' in a rule means a penalty for a breach of the rule may, at the discretion of the protest committee, be less than disqualification.

2. ADVERTISING

- 2.1 Boats may be required to display advertising chosen and supplied by the organising authority. If this rule is broken, World Sailing Regulation 20.9.2 applies. [DP]

3. ELIGIBILITY AND ENTRY

- 3.1 All participating skippers and crew must be current financial members of Fremantle Sailing Club.
- 3.2 Visiting boats may participate at the discretion of the Organising Authority.
- 3.3 Eligible boats may enter by completing the online entry form via the URL [OTB Summer Series Registration 2022-2023](#)

4. NOTICES TO COMPETITORS

- 4.1 Notices to competitors will be posted on the official notice board located outside the Dinghy Clubhouse.

5. CHANGE TO SAILING INSTRUCTIONS

- 5.1 Any change to the sailing instructions will be posted before 1300 on the day it will take effect, except that any change to the schedule of races will be posted by 1700 on the day before it will take effect.



6 SIGNALS MADE ASHORE

- 6.1 Signals made ashore will be displayed using the flag mast on the west side of the Dinghy Clubhouse lawn.
- 6.2 Boats are not permit launch whilst the 'D Flag' is displayed onshore. [DP]
- 6.3 When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 30 minutes' in the race signal AP.














7 SCHEDULE

- 7.1 The Series Schedule of races shall be as described on the Dinghy Racing Summer Series Calendar included in the Red Book.
- 7.2 Daily Schedule – Afternoon Racing (Consistency and Championship)

Event	Time	Location
Volunteer Briefing	1215 hrs	Dinghy Clubhouse
Competitor Meeting	1230 hrs	Dinghy Clubhouse
First Warning Signal	1330 hrs	
Last Warning Signal	1530 hrs	
Sundowner	After sailing	Dinghy Clubhouse

- 7.3 No warning signal will be made after 1600hrs for Afternoon Racing.
- 7.4 Up to three (3) races shall be completed for any racing session.
The number of races is at the discretion of Race Officer and On water race team on day.

8 CLASS FLAG

Class	Group	Class Flag
Optimist Intermediate	Junior	
Optimist Open	Junior	
Pacer	Junior	
Flying Ant	Junior	
29erXS	Junior	
Windsurfer	Junior	
ILCA 4 / Laser 4.7	Youth	
ILCA 6 / Laser Radial	Youth & Senior	
ILCA 7 / Laser Standard	Senior	
29er	Youth	
505	Senior	
SB20	Senior	
Wind foil	Senior	


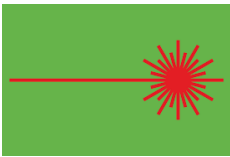
9 RACING AREAS

9.1 Racing will be conducted between Success Harbour, South Beach and Fish Rocks.

10 THE COURSES

- 10.1 The diagrams in Attachment A show the courses, including the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left.
- 10.2 At the warning signal for each class, the race committee signal vessel will display on a course board the course to be sailed by each class. The course to be sailed for each class will be displayed beside an image of that classes class flag.

Below is a visual representation of the course board.

 	<div>O 1</div> <div>O 2</div>
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11 MARKS

11.1 Mark descriptions

Marks	Description	Fleet/s
1A	Orange Pimple Buoy	Optimist Intermediate, Optimist Open
1B	Yellow Cylindrical Inflatable Buoy	Laser 4.7, Laser Radial, Laser Standard, Pacer, 29erXS, Windsurfer
1C	Red Cylindrical Inflatable Buoy	29er, 505, Windfoil, SB20
2,5	Yellow Cylindrical Inflatable Buoy	
3S/3P	Orange Pimple Buoy	
4S/4P	Orange Pimple Buoy	



11.2 Dependant on which classes are racing, redundant marks may be omitted. Mark descriptions should take precedent over the relative positions of Attachment A.

12 THE START

12.1 Races will be started in a 3-minute starting sequence as described below, this changes RRS 26.

Minutes before starting signal	Visual Signal	Sound Signal	Meaning
3	Class Flag	One	Warning
2	P,I,U, Black Flag	One	Preparatory
1	Prep Removed	One Long	One Minute
0	Class Flag Removed	One	Starting Signal

12.2 The start line will be between a staff displaying an orange flag on the race committee signal vessel at the starboard end and orange flag on a pin marker on the port end.

12.3 [SP][NP] Boats whose warning signal has not been made shall avoid the starting area during the starting sequence for other races.

12.4 A boat that does not start within 3 minutes after her starting signal will be scored Did Not Start (DNS) without a hearing. This changes RRS A4 and A5.

12.5 The start signal for a class may be the warning signal for a subsequent class.

13 CHANGE OF THE NEXT LEG OF THE COURSE

13.1 To change the next leg of the course, the race committee will move the original mark (or the finishing line) to a new position.

14 THE FINISH

14.1 The finish line will be between a staff displaying an orange flag on the race committee signal vessel at the starboard end and an orange flag on a pin marker at the port end.

14.2 [SP][NP] Except when finishing, boats sailing through a finish line in either direction, while the committee boat is displaying a blue on station flag, will incur a scoring penalty [SP] without a hearing. This changes Rule A3 and A5.

14.3 To assist with timely race management the Race Officer may decide to utilize a finish line on the opposite side of the race committee signal vessel. When the flag "F" is displayed, the finishing line will be between a mast displaying an orange flag on the committee boat at the port end of the line and a buoy an orange flag on a pin marker at the starboard end.



15 PENALTY SYSTEM

15.1 RRS 44.1 is changed so that the Two-Turns Penalty is replaced by the One-Turn Penalty.

16 TIME LIMITS

16.1 Senior & Youth fleet boats failing to finish within 15 mins after the first boat in their fleet sails the course and finishes will be scored Did Not Finish (DNF) without a hearing. This changes RRS 35, A4 and A5.

16.2 Junior fleet boats failing to finish within 15 mins after the first boat in their fleet sails the course and finishes will be scored their current position at the time limit. This changes RRS 35, A4 and A5.

17 PROTEST AND REQUESTS FOR REDRESS

17.1 Protest forms are available in the race office, located in at the Dinghy Clubhouse Office. Protests and requests for redress or reopening shall be delivered there within the appropriate time limit.

17.2 For each racing area, the protest time limit is 60 minutes after the last boat has finished the last race of the day or the race committee signals no more racing today, whichever is later.

17.3 Notices will be posted no later than 30 minutes after the protest time limit to inform competitors of hearings in which they are parties or named as witnesses. Hearings will be held in the protest room, located in the Dinghy Clubhouse Office, beginning at the time posted.

17.4 RRS 60.1(a) is changed so that '[NP]' denotes a rule that shall not be grounds for a protest by a boat.

18 SCORING

18.1 The Dinghy Racing Summer Series consists of two (2) concurrent series, the Consistency Series and Championship Series.

18.2 All Dinghy Racing Summer Series races constitute the Consistency Series.

18.3 Championship Race Days are indicated in the club on-water calendar and the Dinghy Summer Season Poster.

18.4 The Low Point Scoring system RRS A4.1 will apply for both the Consistency Series and Club Championship Series.

18.5 Three races are required to be completed to constitute a series.

18.6 Series definition

18.6.1 When fewer than 5 races have been completed, a boat's series score will be the total of her race scores.

18.6.2 When from 5 to 7 races have been completed, a boat's series score will be the total of her race scores excluding her worst score.

18.6.3 When from 8 to 11 races have been completed, a boat's series score will be the total of her race scores excluding her two worst scores.

18.6.4 When 12 or more races have been completed, a boat's series score will be the total of her race scores excluding her three worst scores.



19 SAFETY REGULATIONS [SP][NP]

- 19.1 Boats shall sign on/off electronically indicating they are On Water via TopYacht 'Sign On' and Sign Off" web page [TopYacht On Water](#)
- 19.2 Boats shall sign off within 60 minutes of completing racing for that session or later at the discretion of the race committee.
- 19.3 Boats failing to sign on or off within prescribed time shall receive a scoring penalty [SP] in the race closest to the indiscretion. No boat will be scored worse than a DSQ.
- 19.4 All Boats registered to race in either series shall confirm they are On Water via TopYacht 'Sign On' and Sign Off" web page [TopYacht On Water](#)
Should a boat having not signed on prior to leaving the shore, the boat 'must' sign on verbally with the Race Committee Start/Finish Boat. It is the responsibility of these boats to ensure they receive acknowledgment from the Race Committee, if the race committee has not acknowledged boats a standard penalty [SP] will apply .
- 19.5 Wind Foil competitors shall wear helmets (that conform to EN 1385 standard) to provide protection to the head and if practical a high visibility rash vest.

20 REPLACEMENT OF CREW OR EQUIPMENT [DP]

- 20.1 Substitution of competitors or damaged or lost equipment will not be allowed without prior written approval of the Organising Authority. Application for a substitution may only be made on the appropriate form, which can be obtained from the Regatta Office. This applies for championship series only.

21 SUPPORT BOATS [DP][NP]

- 21.1 All support boats shall register by contacting the Organising Authority.
- 21.2 All support and coach boats shall keep clear of the racing area while boats are racing (except when rendering assistance to a boat in distress).
- 21.3 Support and coach boats shall remain at least 50 meters outside areas where boats are racing from the time of the preparatory signal until all boats have finished or the Race Committee signals a postponement, general recall or abandonment. All support and coach boats are required to have a VHF Radio and maintain a listening watch on VHF for their racing area (See SI 22.2) or any other channel specified by the Race Committee. When requested by the Race Management Team, support and coach boats shall render immediate assistance as and when required.

22 TRASH DISPOSAL [DP]

- 22.1 Trash may be placed aboard support or official boats.

23 RADIO COMMUNICATIONS

- 23.1 [DP] Except in an emergency, a boat that is racing shall not make voice or data transmissions and shall not receive voice or data communication that is not available to all boats.
- 23.2 VHF radio channels (may be varied at the discretion of the organising authority)

Racing Area	VHF Channel
Dinghy Racing	74



24 PRIZES

24.1 Prizes for Dinghy Racing Summer Series will be awarded at the discretion of the organising authority.

24.2 Dinghy Racing Awards will be awarded as described in Attachment C.

25 DISCLAIMER OF LIABILITY

25.1 Competitors participate in the regatta entirely at their own risk. See RRS 3, Decision to Race. The organising authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta.

26 INSURANCE

26.1 Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of AUD \$10,000,000 per incident or the equivalent.

27 FURTHER INFORMATION

For further information please contact:

Jack Joyner Sailing Coordinator and Training

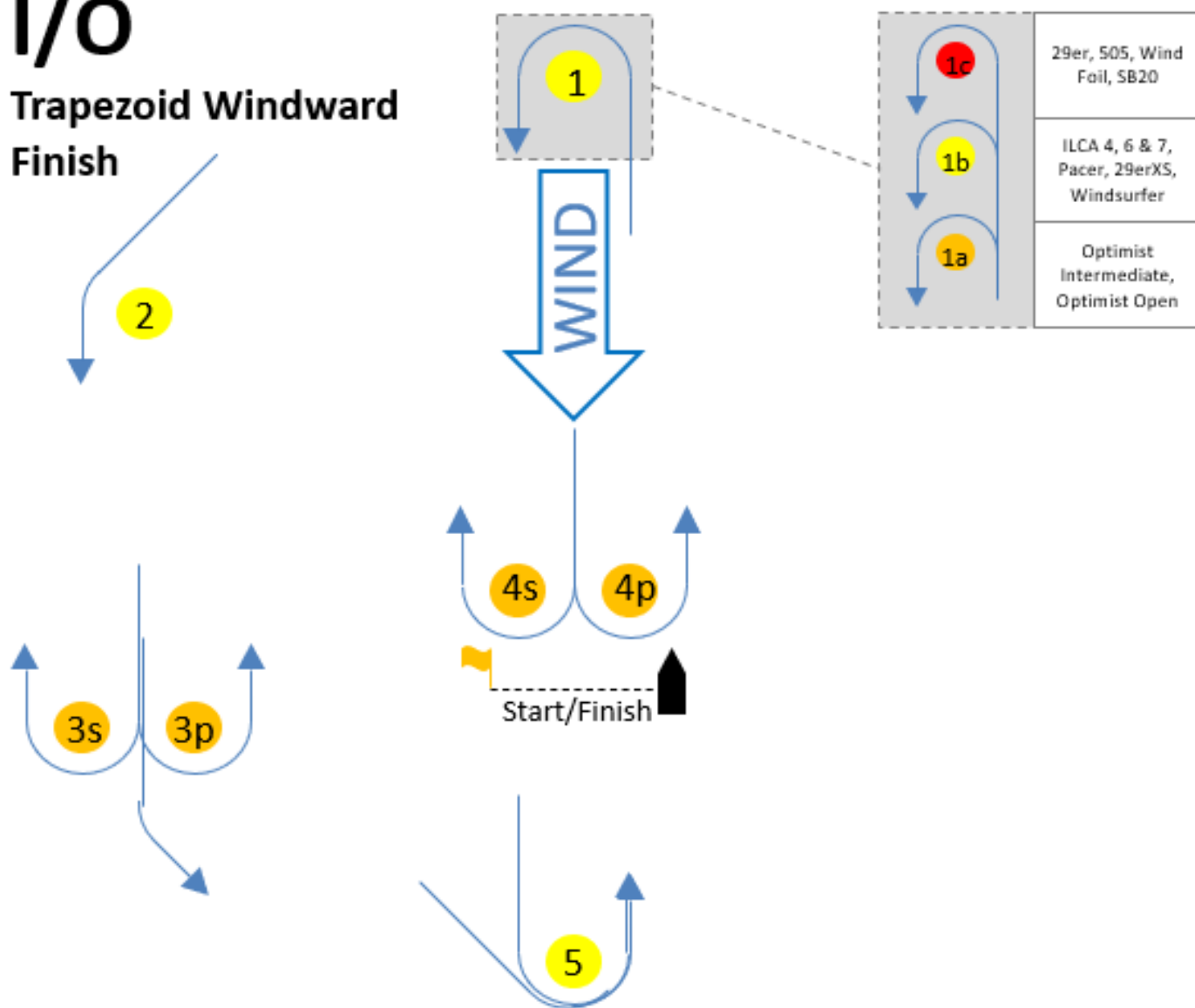
Email: sailing@fsc.com.au

Telephone: 9435 8809

ATTACHMENT A – DINGHY RACING COURSES

I/O

Trapezoid Windward Finish

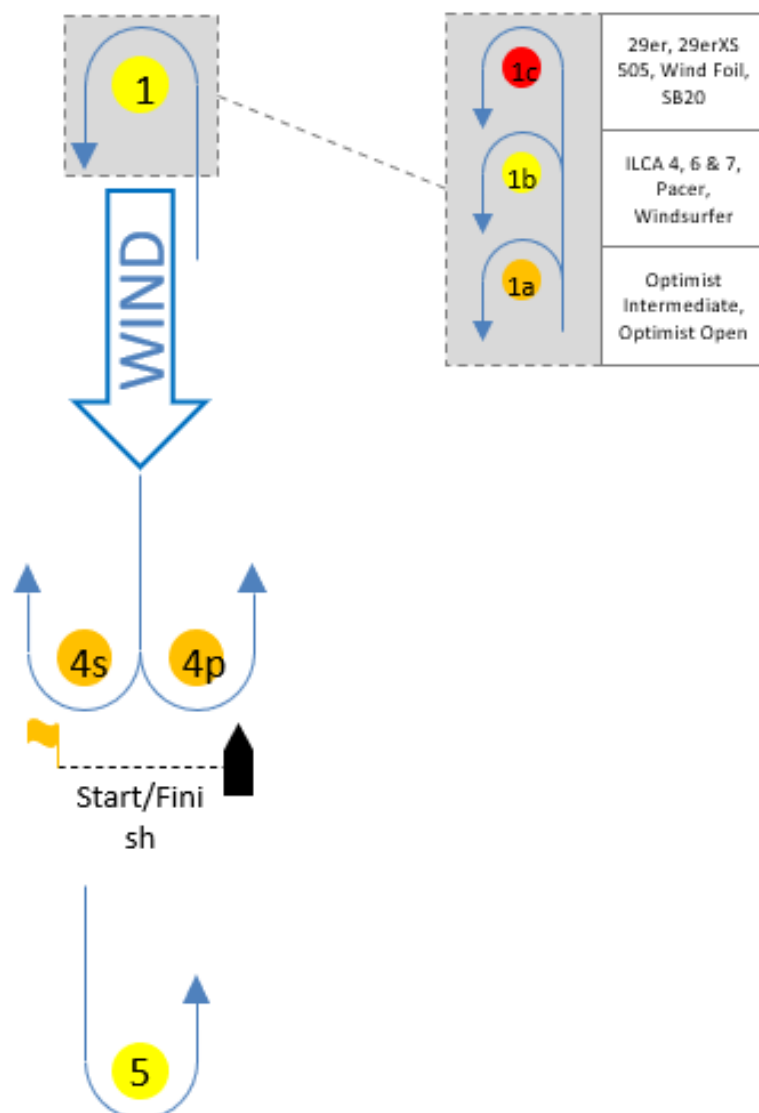


Signal	Mark Rounding Order
I1	Start – 1 – 4s/4p – 1 – 2 – 3p – 5 – Finish
I2	Start – 1 – 4s/4p – 1 – 4s/4p – 1 – 2 – 3p – 5 – Finish
I3	Start – 1 – 4s/4p – 1 – 4s/4p – 1 – 4s/4p – 1 – 2 – 3p – 5 – Finish
O1	Start – 1 – 2 – 3p – 5 – Finish
O2	Start – 1 – 2 – 3s/3p – 2 – 3p – 5 – Finish
O3	Start – 1 – 2 – 3s/3p – 2 – 3s/3p – 2 – 3p – 5 – Finish

ATTACHMENT A – DINGHY RACING COURSES

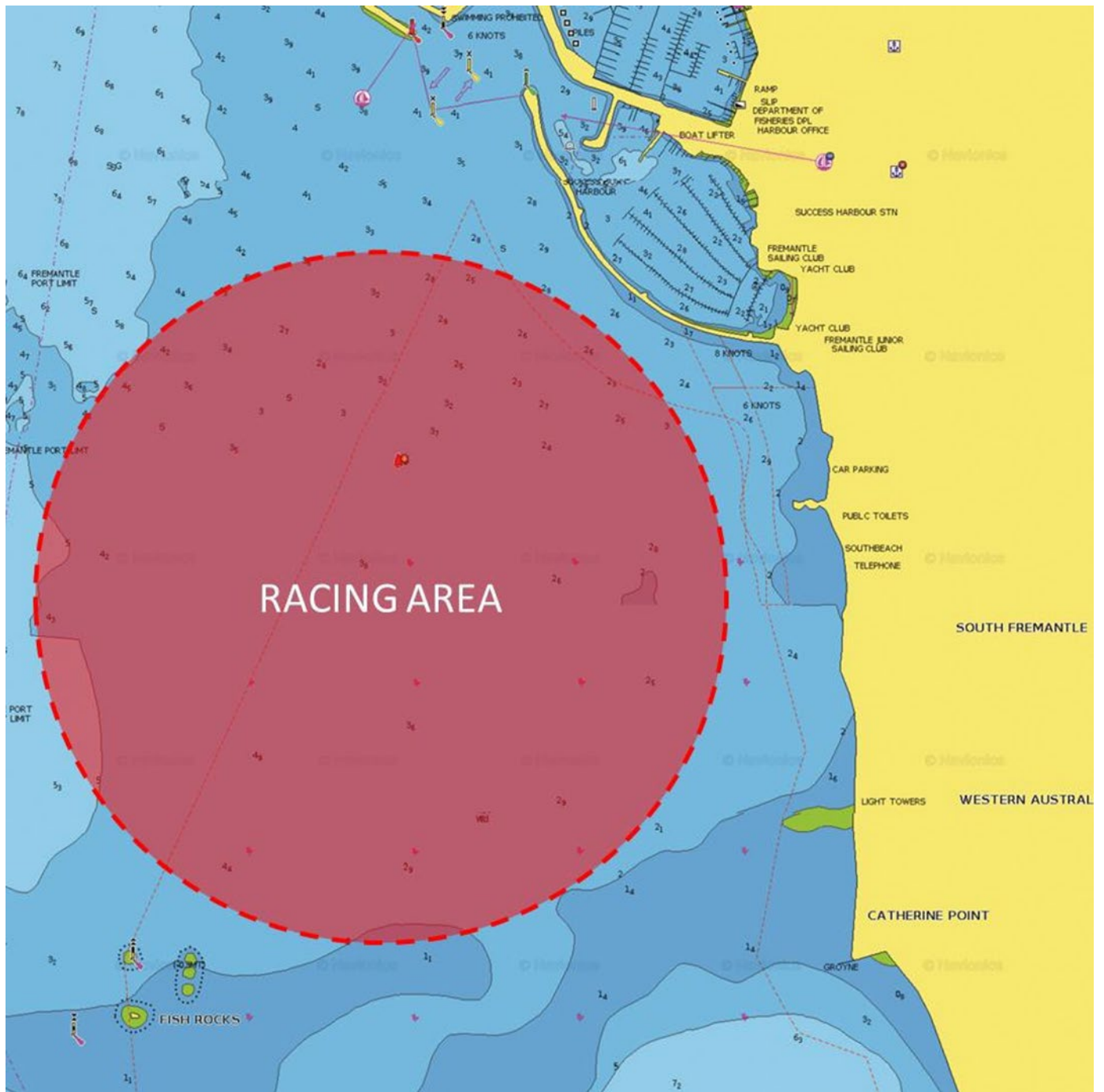
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Windward Leeward



Signal	Mark Rounding Order
L1	Start – 1 – 5 – Finish
L2	Start – 1 – 4s/4p – 1 – 5 – Finish
L3	Start – 1 – 4s/4p – 1 – 4s/4p – 1 – 5 – Finish

ATTACHMENT B – DINGHY RACING AREA

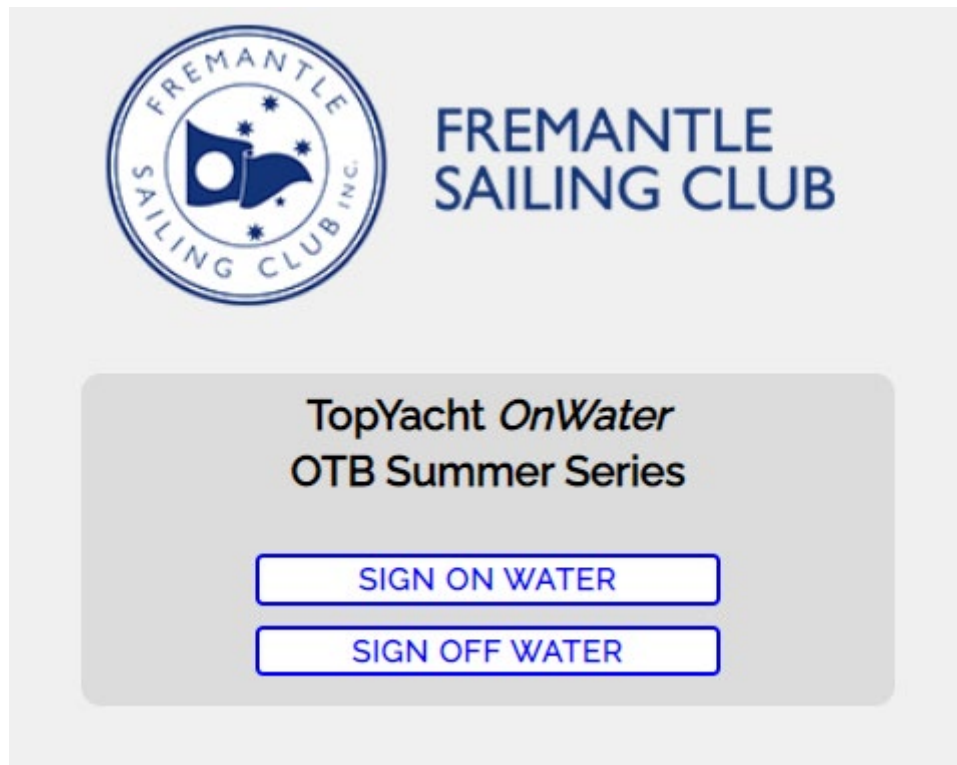




ATTACHMENT C – DINGHY RACING AWARDS

Award	Trophy
Novice Skipper Award	Peter Winter
Most Improved Skipper	Dragon Perpetual Trophy
Most Improved Crew	G&G Hickling Trophy
Junior Sportsmanship Award	Schwepps Trophy
Encouragement Award	Margaret Cook Award
Most Promising	Peter Wainwright Award
Volunteer of the Year	Centenary Trophy
Club Person of the Year	Noel Sweetman
Costa Concordia	Centreboard
Journeyman	Journeyman Cup
Wild West Challenge	Rudder

ATTACHMENT D – TopYacht OnWater Sign On / Off



<https://topyacht.com.au/tyow/542>





Inshore Racing Summer Series

2022/2023

Date	Event
01.10.22	Season Opening Day
08.10.22	Consistency Race 1 Memorial Race
15.10.22	Non Consistency Race
22.10.22	Consistency Race 2 Championship 1
06.11.22	Consistency Race 3 Terry Fisher 1
12.11.22	Consistency Race 4 Ken Cook Memorial
19.11.22	Consistency Race 5 Championship 2
26.11.22	TCYC & Catalpa Classic
03.12.22	Consistency Race 6 Championship 3
10.12.22	Consistency Race 7 Ron Warren Trophy
17.12.22	Non Consistency Race
14.01.23	Consistency Race 8
21.01.23	Consistency Race 9
26.01.23	Australia Day Trophy Race
28.01.23	Non Consistency Race
04.02.23	Consistency Race 10
11.02.23	Warne Shield/Cockburn Cup
18.02.23	Consistency Race 11 Championship 4
25.02.23	Mike Harvey Memorial Race
11.03.23	Consistency Race 12 Championship 5
18.03.23	Consistency Race 13
25.03.23	Consistency Race 14
01.04.23	Consistency Race 15 Championship 6
15.04.23	Consistency Race 16 Max Shean Trophy
22.04.23	Consistency Race 17 Championship 7
25.04.23	ANZAC Day Race
29.04.23	Crew Helm Day





Keelboat Inshore Racing Summer Series 2022 - 2023

Inshore Yacht Racing is a unique sport – on race day there can be up to 40+ boats contesting the start in a melee of skills and thrills. This is 40 teams all playing on the same playing field at the same time.

If you are a new boat owner, like any other sport, there are rules and requirements before you can join the game. The Sailing Office and Inshore Committee members are available to advise and assist you to get your boat out racing.

Experienced crews are sometimes available to get you started, or you can join another boat to gain experience before you take on the keen competition.

The camaraderie both on water and off water is legendary, when rivalry is set aside, and each moment of gain and loss is relived at the hospitality of the clubhouse.

There's heart stopping sailing moments, and time to enjoy the beautiful coast, views of the islands, the on-water traffic of the Fremantle port, soaring sea birds and lively dolphins.

You won't get much more fun from an afternoon than Inshore Yacht Racing. Driving about ten or so tons of sleek, powered-up sailing machines around with a bunch of mates, is surely more exciting than driving a little ball around a lawn.

It can be relaxing it's never boring, there's no better way to spend an afternoon on the water.

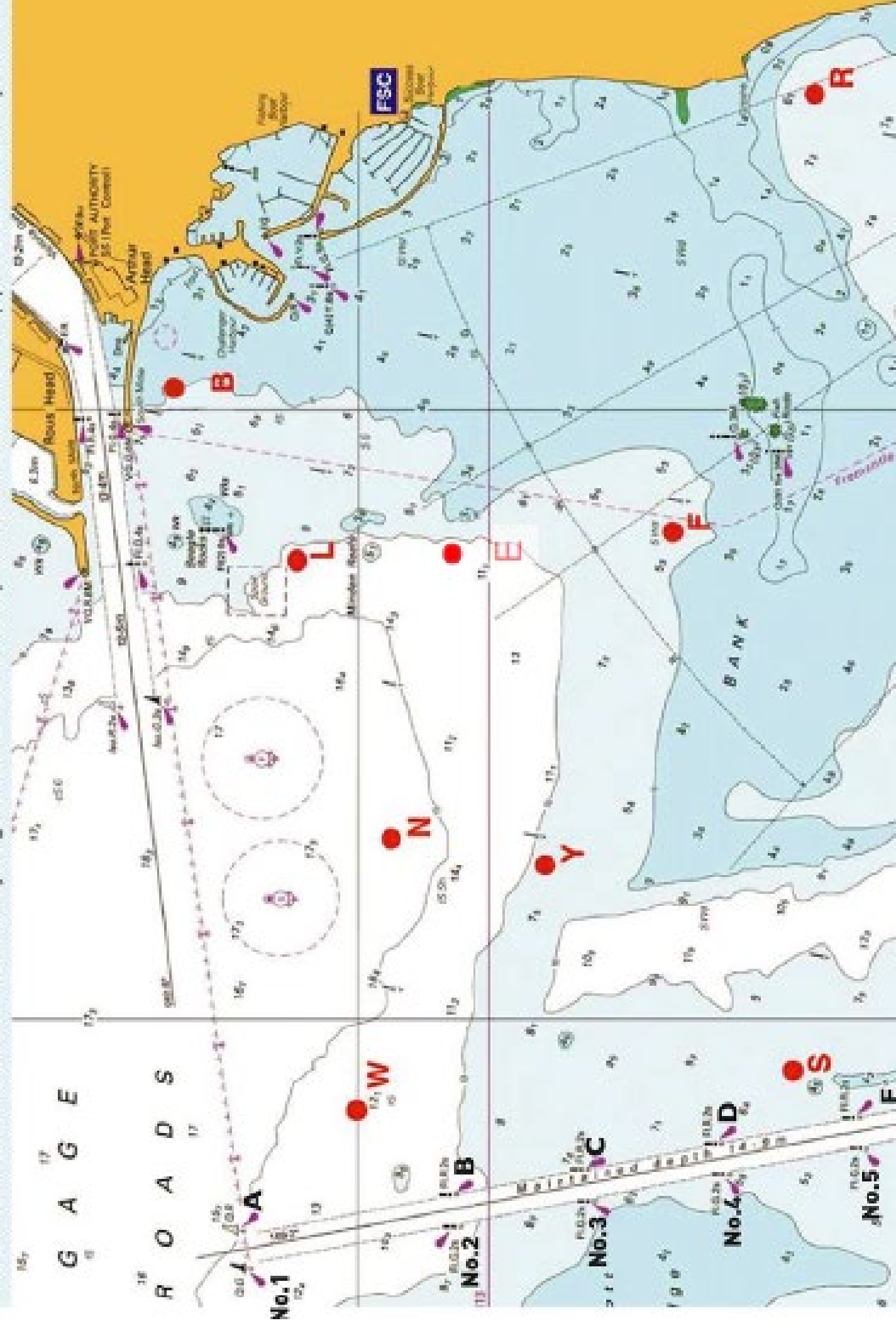
The Inshore Race Committee includes the following:

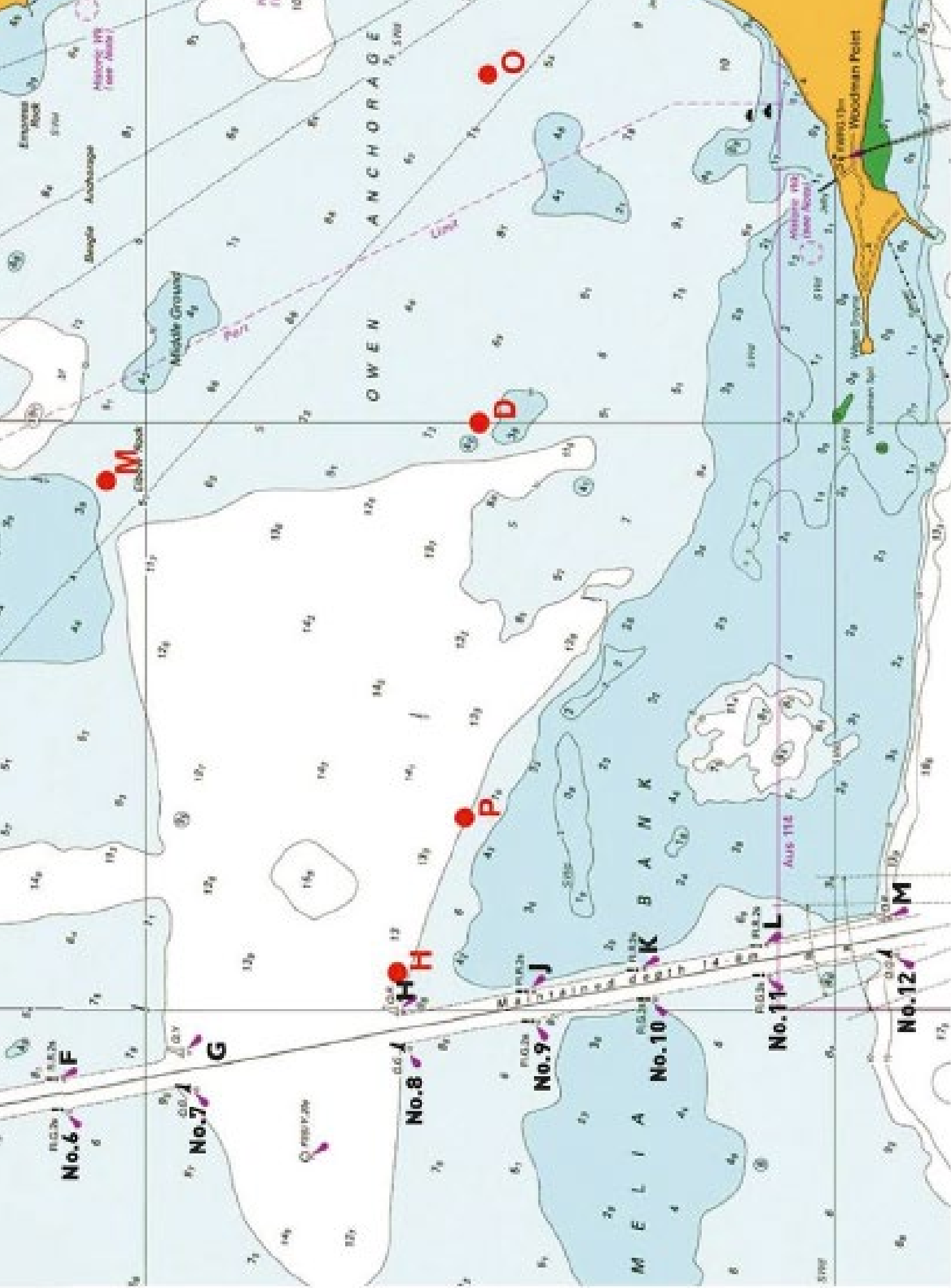
- Rear Commodore of Sail
- Inshore Race Officer
- Sailing Manager
- Inshore Captain
- Inshore Handicapper

BUOY POSITIONS - Not to be used for Navigation

Extract of AUS 117 used with permission of the Australian Hydrographic Service - Copyright Commonwealth of Australia.

For more information about charts visit www.hydro.gov.au Note - Banks and Depths are correct as at time of map production and are subject to variation







Inshore Racing Sailing Instructions

1 RULES

- 1.1 Racing will be governed as defined in The Racing Rules of Sailing (RRS) and the Inshore Racing Sailing Instructions
- 1.2 The Prescriptions and Special Regulations of Australian Sailing (AS) will apply
- 1.3 For IRC Entries the IRC Rules shall apply
- 1.4 For the purpose of IRC RRS 21.1.5(d) these series' are not on consecutive days.
- 1.5 The Fremantle Sailing Club Inshore Racing Handicapping system (PHS) will be used for all entries
- 1.6 Arbitration will be conducted in accordance with Appendix T (RRS)
- 1.7 Autohelm: The use of Auto helm is permitted with the following caveats:
 - 1.8 They may not be used during a starting sequence of any division and or in the vicinity of the start line. (So boats milling around before their start can't use it).
 - 1.9 That they are not allowed if yachts are on a converging course (Port/Starboard) in that there is the possibility of a collision.

2 ADVERTISING

Boat names and any advertising shall not be in conflict with Fremantle Sailing Club's Sponsors and shall be in accordance with acceptable public standards

3 SAFETY

Competing yachts are required to:

- 3.2 Log on by radio to Fremantle Inshore Race Control using VHF 72 before the start of the first fleet. There is no need to log off after the race, crossing the finishing line will suffice.
- 3.3 Maintain a constant listening watch on VHF72 whilst on the water
- 3.4 Boats that retire prior to starting or during a race shall notify Fremantle Inshore Race Control by radio before leaving the race area.
- 3.5 When a Strong Wind Warning (winds of 26 to 33 knots) or a prediction of stronger winds is issued by the Australian Government Bureau of Meteorology and is current for the scheduled race time, the race may be Postponed or Abandoned by the Event Racing Committee. Decision shall be made by 11.00am on a normal race day
- 3.6 Inshore Racing shall be conducted under Category 5. in accordance with AS Special Regulations (ASSR) modified as follows:
 - 3.7 When due to its design a boat is unable to satisfy Category requirements or is compliant with Category 5 or better but without lifelines as described in ASSR Part 1, Section 3.12 and Section 5.01.1(g), they shall comply with the requirements of RRS 40 and all members of the crew shall wear a PFD1 or PFD2 (Buoyancy Aid) at all times while afloat, without the need of the Race Committee to display the "Y" Flag.
 - 3.8 When the "Y" flag is displayed on the inshore noticeboard, main flag mast at FSC or the Start Boat prior to the first race start of the day, all competitors shall wear PFD's when racing. (This will be accompanied with a sound signal when On Station).
- 3.8 All boats are required to carry an EPIRB as per DoT regulations



4 ELIGIBILITY

- 4.1 Competing boats shall be on the FSC Boat Register with an approved sail number. Visiting boats on the register of an Australian Sailing affiliated club, may participate in races with the prior permission of the Race Committee.
- 4.2 Prior to competing in their first race for the season, a competitor shall submit a completed ASSR Equipment Audit Form, signed by an accredited Equipment Auditor, to the FSC On Water Office to receive an Equipment Audit Form Number for the season. This applies to all boats taking part in Inshore Racing events. Failure to comply will result in being scored DSQ, this changes RRS A3 and A4.
- 4.3 Minimum Crew - A boat shall have a minimum of two crew inclusive of the helmsman, and each capable of sailing the boat.
- 4.4 Boats with a valid IRC Rating will be eligible to be included in the IRC results in their division.
- 4.5 Division 6 (Jib and Main) shall use working foresails so as the luff is attached along the forestay(s)

5 ENTRIES

- 5.1 Boats shall nominate by completing the TopYacht online entry form found on the FSC Keelboat Summer Series Racing Page [TopYacht Registration](#) .
To be eligible for a result, entries must be made no less than two days prior to their first race. The Race Committee may approve late entries.
- 5.2 The Race Committee will assess entries, determine handicaps, and allocate boats into appropriate divisions. Boats may not change divisions without written approval from the Race Committee. [NP]
- 5.3 Entry Fees (fees are only applicable to visiting boats):
Summer Series Championship \$150 per boat
Summer Trophy Races - \$20 per Race
Summer Series Block - \$150 per Boat
- 5.4 Fees set for other races will be published in their respective Notice of Race.

6 INSURANCE

- 6.1 Each participating boat shall have a valid third-party liability insurance with a minimum of \$10 million for any one incident. The insurance cover must be valid for participating in the various forms of racing conducted by FSC.

By completing the race nomination for and taking part in a race or event, owners and/or the nominated person in charge are deemed to have made a declaration that they have such cover.

7 COMMERCIAL SHIPPING

- 7.1 Particular care in keeping clear of commercial shipping shall be exercised in the following areas (at least 50m distance from all ships):
- 7.2 At the entrance to Fremantle Harbour
At the Northern Entrance to and in the Cockburn Sound Channel



- 7.3 Boats subject of a complaint reported by Fremantle Ports will be disqualified without a hearing. This changes RRS63.1
- 7.4 Damaging a mark - Boats that damage a Fremantle Ports or DoT mark shall immediately notify FSC's Harbour Master of the time, date and nature of the damage. Any cost associated shall be borne by the owner or person in charge of the boat/s involved.

8 NOTICES TO COMPETITORS

Notices to competitors will be posted on the Inshore Notice Board. Notices may also be placed on the Inshore Section of the FSC webpage, they may also be issued via email.

8 CHANGES TO SAILING INSTRUCTIONS

Any change to the Sailing Instructions will be posted not less than 90 minutes before the scheduled start time of the first race of the day, except that any change to the schedule of races will be posted by 1800 hours on the day prior.

9 SIGNALS MADE ASHORE

- 9.1 Signals made ashore will be displayed on the main flag mast on the VIP Lawn at FSC
- 9.2 When flag AP is displayed ashore, "1 minute" is replaced with "not less than 45 minutes" in the race signal AP.

10 SCHEDULE OF RACING / DIVISION or CLASS FLAGS

- 10.1 Racing will be conducted in accordance with the club on water event calendar.

- 10.2 The scheduled time of the warning signal for each Division is as follows:

Division	Summer	Winter	Class Flag
Division 1	1345	1300	Naval Numeral 1 
Division 2	1350	1305	Naval Numeral 2 
Division 6	1355	1310	Naval Numeral 6 

Winter times maybe changed via SSI's prior to the series start

11 RACING AREA

- 11.1 See page 38 Inshore Racing Area

12 THE COURSES

- 12.1 The courses to be sailed will be as per section Inshore Courses
- 12.2 The course to be sailed will be signalled by the committee boat using the appropriate Division or Class Flag and the corresponding flag as per section International Flags
- 12.3 Where the course number is greater than 9 the two appropriate pennants will be displayed with the first number immediately above the second.
- 12.4 Shortening Course Signals - In addition to the visual and sound signals required by RRS32.2 and Race Signals when shortening course, the information may be broadcast on VHF72.

13 MARKS

- 13.1 Approximate positions of marks are as per section Inshore Marks Distances
- 13.2 Permanent Club marks are yellow buoys inscribed with the letter of the mark designation in black



13.3 Temporary or replacement marks will be a yellow inflatable buoy or a buoy with a short pole displaying code flag M.

13.4 If a mark of the course is missing or out of position and has not been substituted with a replacement mark, boats shall round or pass the approximate position of the missing mark's stated location. Race Committee may require evidence of the rounding/passing.

14 THE START

14.1 The starting line will be located in the vicinity of one of the permanent Club marks as described in Inshore Race Area.

14.2 Races will be started using RRS26 with the warning signal made 5 minutes before the starting signal. Radio countdown may be used for the convenience of the competitors, however errors in this broadcast or failure of a boat to receive this transmission will not be grounds to seek redress. This changes RRS62.1

14.3 The starting line will be between a mast displaying an orange flag on the committee boat at the starboard end and the permanent Club Mark or an inflatable yellow buoy at the port end.

14.4 Boats whose warning signal has not been made shall keep clear of the starting area during the start sequence of other fleets.

14.5 After the start of each fleet, an announcement may be made via VHF72 that a clear start was achieved.

14.6 At the discretion of the race officer, a boat starting later than 9 minutes after her starting signal may be scored Did Not Start (DNS). This changes RRS 63.1 & A4

14.7 When a race is designated as a handicap start, the procedure will be published in the Supplementary Sailing Instructions for that race.

15 RECALL

15.1 General Recall - When a general recall is signalled the warning signal for the first fleet recalled fleet will be displayed at the start signal for the last fleet in the sequence. Warning signals for other recalled fleets will follow in order thereafter. This changes RRS 29.2 and Race Signals.

15.2 Individual Recall - RRS 29.1 shall apply.

15.3 After the starting signal the Race Committee may broadcast the sail numbers of boats that have not complied with Rule 29.1. It is the responsibility of a boat to monitor the radio for this information. Failure of the Race Committee to make a broadcast or a boat to receive any broadcast will not be grounds for redress. This changes RRS 62.1

16 CHANGE OF THE NEXT LEG OF A COURSE

16.1 Course Changes will be done in accordance with RRS 33

17 THE FINISH

17.1 The finishing line will be between a mast displaying a blue flag on the Committee Boat at the starboard end of the line and the permanent club mark identified in the respective course, or a yellow cylindrical buoy at the buoy end. (Opposite ends for a downwind finish)



17.2 Boats shall not sail through a finish line displaying a blue "On Station" flag in either direction unless finishing. The Race Committee shall protest the competitor as per Sailing Instruction 21. The penalty shall be disqualification.

17.3 Shortened course will be done in accordance with RRS 32

18 TIME LIMITS

18.1 The time limit for the first boat to finish is taken from the start of their division is as set out below:

18.2 Inshore Summer and Winter - 3 hours

18.3 Boats failing to finish within 45 minutes after the first boat in their division sails the course and finishes or boats failing to finish within the time limit, whichever is the later may be scored Did Not Finish (DNF) at the discretion of the Race Officer. This changes RRS 35, A3 and A5

19 REDRESS

19.1 In addition to the requirements of RRS 61.1(a) the protesting boat shall, as soon as possible, inform the other boat on VHF72. This changes RRS 61.1(a).

19.2 Redress shall be in writing and lodged with the Race Committee within 60 minutes after the finishing time of the last boat in the relevant fleet in its last race of the day.

The protesting boat shall ensure a Race official member has correctly acknowledged the protest form by recording the date and time received clearly on the form.

Protest forms are available in the Race Office and at the Inshore Noticeboard in the FSC Foyer.

19.3 A protested boat may retire at any time prior to the date and time set for the arbitration or protest hearing.

20 SCORING

20.1 The low points scoring system will be used.

20.2 Boats receiving a score of OCS, RET or DNF will receive a score of the boats that started that race in their division plus one. Yachts that do not appear at the starting area will be scored DNC which will be points equal to the total number of boats in their division that have sailed plus one. Yachts that log on and present to the starting area but retire at the start boat prior to the start will be scored RET. This changes RRS A5

20.3 Seventeen races constitute the Inshore Summer Consistency Series. Each boat's score will be the sum of all her race scores excluding her worst three scores. Minimum 10 races to constitute the series, when dropping worst scores the number of races to count cannot be less than 10.

20.4 Seven races nominated by the Inshore Race Committee within the Summer Series will constitute the Club Championship Series. Each boats score shall be the sum of her race scores on the following basis:

20.5 When 5 or less races have been completed in a series all races shall count

20.6 When 6 or more races have been completed a boat's series score will be the total of her race scores excluding her worst score.

20.7 The Inshore Winter Series shall consist of 7 races and each boats score shall be the sum of her race scores on the following basis:

20.8 When 5 or less races have been completed in a series all races shall count



20.9 When 6 or more races have been completed a boat's series score will be the total of her race scores excluding her worst score.

21 SERIES TIE

21.1 RRS A8.1

21.2 If there is a series-score tie between two or more boats, each boat's race score shall be listed in order of best to worst, and at the first point(s) where there is a difference the tie shall be broken in favour of the boat(s) with the best score(s). No excluded scores shall be used.

21.3 RRS A8.2

21.4 If a tie remains between two or more boats, they shall be ranked in order of their scores in the last race. Using the tied boats' scores in the next-to-last race and so on until all ties are broken shall break any remaining ties. These scores shall be used even if some of them are excluded scores

22 HANDICAP PRINCIPLES

22.1 At the beginning of a series, the previous series handicaps are used to assign handicaps as agreed between the Inshore Captain, Handicapper and Division Reps.

22.2 For each race after the 1st, the handicaps are adjusted for the following race based on the performance of the current race

22.3 The adjustments are calculated on the following basis:

22.4 Calculate the race's Yardstick (YS)

22.4.1 YS is the average of each boats corrected time

22.4.2 If a boats performance against the YS is worse than 8% it is excluded from the YS calculation and the YS is recalculated recursively.

22.4.3 A boats performance (Perf Pct) is assessed against the YS by:

22.4.4 $\text{Per Pct} = ((\text{YS} - \text{CT}) - 1) \times 100$

22.4.5 If a boat Perf Pct is 4% worse than the YS then their Perf Pct is limited to -4% for the calculation of the handicap for the next race.

22.4.6 Using the Perf Pct then a Perf handicap (Perf Corr) is calculated using the prerace handicap (PH):

22.4.7 $\text{Perf Corr} = \text{PH} \times (1 + \text{Perf Pct} / 100)$

22.4.8 The new handicap (NH) for the next race is the result of 70% of the PH plus 30% of the Perf Corr handicap:

22.4.9 $\text{NH} = 0.7\text{PH} + 0.3\text{Perf Corr}$

22.5 Boats that don't sail 2 races in a row may have their handicaps altered based on the performance of their closest prestart peers as published (Manual Intervention).

23 ANNOUNCEMENT OF RESULTS

23.1 Normally takes place in the Sailors Bar approximately 30 minutes after the Inshore Start Boat sounds a long sound signal after returning to Harbour for the Inshore Summer and Winter Series.

Any other announcement of results will be in accordance with the NOR, SI or Supplementary Sailing Instructions for that event.



24 PRIZES

24.1 Prizes will be awarded in each division for both IRC and for FSC Club Handicap (TCF) weekly if sufficient entries are received.

24.2 Overall season prizes will be awarded to those fleets with 5 or more entries

24.3 Other prizes may be awarded at the Race Committee's discretion.

25 RADIO COMMUNICATION

25.1 Fremantle Race Control will monitor VHF72.

25.2 Racing boats shall monitor VHF72, all boats should operate on low power.

26 DISCLAIMER

26.1 Competitors participate in the regatta entirely at their own risk. See RRS 4, Decision to Race. The organizing authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta.

26.2 None of the Organising Authority, their officers, members, volunteers, servants or agents accept any responsibility whatsoever in respect of loss of life, personal injury or damage to property which may be sustained by reason of their participation or intended participation in this event or howsoever arising in connection with the event.

26.3 Competitors provide their permission for any photograph or video taken during the course of a race to be used for purposes including but not limited to, public viewing, marketing/promotional material and web/social media. If a competitor does not want to provide their permission, they must advise the photographer.

26.4 Competitors provide their permission for the Inshore Captain to obtain and utilise their contact information collected from race/series registrations for the purpose of Race Management only.



Twilight Sailing Instructions

- 1 Twilight events are non-race events; to join in a Twilight sail all boats taking part need to comply with Department of Transport (DoT) safety requirements
 - 1.1 The following items are mandatory:
 - An operational marine radio capable of transmitting and receiving on VHF 72
 - Two operational water-resistant floating torches
 - Navigation Lights.
 - 1.2 To join a Twilight sail, we request boats registration via the FSC event page (link below)
 - 1.3 On the twilight night all boats shall contact the Twilight on water support vessel (Success) on VHF 72
 - Confirming boat name and number of persons onboard.
 - Should the boat return to FSC prior to the Twilight completion, the boat must advise the Twilight on water support vessel (Success) on VHF 72
 - 1.4 The Twilight starting team will a sound signal when On Station.
 - 1.5 All boats are required to carry an EPIRB as per DoT regulations.
 - 1.6 When the "Y" flag is displayed on the inshore noticeboard or the main flag mast at FSC all competitors shall wear appropriate Life Jackets during the Twilight Sail.

STAGE & STUDIO PRODUCTIONS

TERRY FISHER



2022 - 2023 RACE DATES

Race 1	06.11.22	Race 4	12.02.23
Race 2	18.12.22	Race 5	26.03.23
Race 3	22.01.23	Race 6*	16.04.23

* CLOSING PARTY & SERIES PRESENTATIONS

KEEP YOUR EYES ON THE PRIZE!

THE
WEST WINDS
PREMIUM AUSTRALIAN
GIN



PROUDLY SUPPORTED BY



audiovisual | lighting | sound | staging | theming

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productions

THE
WEST WINDS
PREMIUM AUSTRALIAN
GIN



FOR MORE INFO VISIT: [FSC.COM.AU/TERRY-FISHER-SERIES-2022-2023/](https://fsc.com.au/terry-fisher-series-2022-2023/)



Stage & Studio Productions Terry Fisher Series

Huge thanks to our naming sponsors Stage & Studio Productions, UK Sailmakers and West Winds helping for their continuity with the series.

Held one Sunday a month during Summer and Autumn, we invite you to come out and enjoy a morning sail in the Cockburn Sound, before the sea breeze comes in.

This is a great series to develop your racing skills or come to grips with double-handed racing.

Join us in the Club Bar afterwards for a social afternoon.


The series is a Category 6 event, with a safety boat on the water at all times


Closing Party and Series Presentations on Sunday 16th April 2023.


The series is commencing in November 2022 with registrations found on the new FSC web site.


<https://fsc.com.au/terry-fisher-series-2022-2023/>


Inshore Courses 1 to 7


Course 1 				
Division	1	2	JAM	Rounding
Start @	L	L	L	
	S	S	S	Port
	H	H		Port
	R	M		Starboard
	P	P	P	Starboard
	S	S	S	Starboard
	W	N	W	Starboard
Finish @	L	L	L	
NM	13.2	10.6	8.6	

Course 3 (L) 				
Division	1	2	JAM	Rounding
Start @	Y	Y	Y	
	S	S	S	Starboard
	W	N	N	Starboard
	B	B	L	Starboard
SHRT F	E	E	E	Starboard
	S	S	S	Starboard
	N	N	N	Starboard
Finish @	Y	Y	Y	Starboard
NM	8.7	8	7.1	

Course 4 				
Division	1	2	JAM	Rounding
Start @	L	L	L	
	F	F	F	Starboard
	W	W	Y	Port
	H	H	H	Port
	O	P		Port
	S	S	S	Starboard
	W	N	N	Starboard
	L	L	L	Starboard
Finish @	F	F	F	
NM	15.1	11.3	8.9	


Course 5 				
Division	1	2	JAM	Rounding
Start @	F	F	F	
	W	N	N	Port
	S	S	S	Port
	O			Port
		D	P	Starboard
	M			Port
	H	H	H	Starboard
	S	S	S	Starboard
	W	W	W	Starboard
	L			Starboard
	F	F	F	Starboard
Finish @	Y	Y	Y	
NM	15.7	11.9	10.5	


Course 6 				
Division	1	2	JAM	Rounding
Start @	Y	Y	Y	
	B	B	B	Port
	W	W	N	Port
	S	S	S	Port
	H	H	H	Port
	M			Starboard
	P			Starboard
	S	S	S	Starboard
Finish @	L	L	L	
NM	13.5	10.2	9.6	



Course 7 				
Course shorted at E				
Division	1	2	JAM	Rounding
Start @	E	E	E	
	S	S	S	Port
	P	P	P	Port
	O	D	D	Port
	R	M		Port
	H	H		Starboard
	S	S	S	Starboard
Finish @	E	E	E	
NM	12.8	10.3	4.2	


(L) Light wind course below 10 knots




Inshore Courses 8-14



Course 8 				
Division	1	2	JAM	Rounding
Start @	Y	Y	Y	
	S			Starboard
	W			Starboard
	L			Starboard
	S			Port
	H	H	H	Port
	R	R	R	Starboard
	P	P	O	Starboard
		M		Port
		H		Starboard
	S	S	S	Starboard
Finish @	Y	Y	Y	
NM	14.8	12.3	10.1	

Course 9 				
Division	1	2	JAM	Rounding
Start @	N	N	N	
	F	F	F	Port
	L	L	L	Port
	W	W	Y	Port
	F	F	F	Port
	L	L	L	Port
	W	Y	Y	Port
	F	F	F	Port
Finish @	N	N	N	
NM	11.6	10.2	8.8	

Course 10 (L)  				
Division	1	2	JAM	Rounding
Start @	F	F	F	
	W	N	N	Starboard
	B	L	L	Starboard
	F	F	F	Starboard
	N	N	L	Starboard
	B	B	B	Starboard
	F	F	F	Starboard
Finish @	Y	Y	Y	
NM	10.4	8	7	




Course 12 (L)  				
Division	1	2	JAM	Rounding
Start @	L	L	L	
	B	B	B	Starboard
	F	F	F	Starboard
	W	N	E	Starboard
	B	B	B	Starboard
	F	F	F	Starboard
	W	N	N	Starboard
Finish @	L	L	L	Starboard
NM	10.9	7.9	6.9	

Course 13(L)   				
Division	1	2	JAM	Rounding
Start @	Y	Y	Y	
	F	F	F	Port
	B	B	L	Port
	W	N	N	Port
	F	F	F	Port
	B	L	L	Port
	W	W	W	Port
Finish @	Y	Y	Y	
NM	10.9	8.6	7.7	

Course 14(L)  				
Division	1	2	JAM	Rounding
Start @	E	E	E	
	W	W	W	Port
	S	S	S	Port
	Y	Y	Y	Starboard
	F	F	F	Port
	B			Port
	W	W	N	Port
	F	F	F	Port
Finish @	E	E	E	
NM	10.5	8.8	7.4	

(L) Light wind course below 10 knots

Inshore Course 15

Course 15				
				
Division	1	2	J&M	Rounding
Start @	Y	Y	Y	
	E	E	E	Port
	B	B	L	Starboard
	F	F	F	Starboard
	W			Starboard
	N	N	N	Starboard
	B	B	L	Starboard
	F	F	F	Starboard
Finish @	Y	Y	Y	
NM	10	8.2	6.7	

N - mark rounding change to Starboard

Inshore Mark Distances

Approximate Bearings and Distance Between Marks

FROM	Nm	B	D	E	F	H	L	M	N	O	P	R	S	W	Y
TO	Brg														
B				1	1.4		0.6		1.3					2.2	1.7
				27	17		60		69					77	51
D											0.9	1.7	2.5		
											90	214	136		
E		1			0.5		0.6		0.9				1.7	1.7	0.9
		207			355		176		113				63	102	74
F		1.4		0.5			1.1		1.2					1.9	1
		197		175			175		135					117	105
H			1.3					1.5			0.4	2.6	1.6	2.8	2.1
			279					239			298	242	166	168	186
L		0.6		0.6	1.1				0.8				2	1.6	1.2
		240		356	355				75				48	83	47
M			1			1.5				1.4					
			0			59				315					
N		1.3			1.2		0.8						1.3	0.8	0.6
		249			315		255						31	90	8
O						2.3					1.9		3.3		
						95					90		123		
P			0.9			0.4		1.4				2.3	1.9		
			270			118		223				233	156		
R						2.6			1.4		2.3				
						62			357		53				
S		2.5	2.5	1.7		1.6	2		1.3	3.3	1.9			1.1	0.8
		230	316	244		346	228		211	303	336			172	229
W		2.2		1.7	1.9		1.6						1.1		1
		257		282	297		263						352		308
Y				0.9	1	2.1	1.2		0.6				0.8	1	
				254	284	6	227		188				49	128	



Inshore FSC Permanent Marks


Note: Coordinates are taken from WGS84 Datum and formatted ddm mm

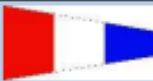
Buoy	Latitude	Longitude
B	32° 03.502'S	115° 44.055'E
D	32° 06.900'S	115° 43.800'E
E	32° 04.350'S	115° 43.550'E
F	32° 04.850'S	115° 43.600'E
H	32° 06.700'S	115° 42.250'E
L	32° 03.800'S	115° 43.500'E
M	32° 05.900'S	115° 43.800'E
N	32° 04.000'S	115° 42.600'E
O	32° 06.900'S	115° 45.000'E
P	32° 06.900'S	115° 42.700'E
R	32° 05.500'S	115° 44.900'E
S	32° 05.127'S	115° 41.789'E
W	32° 04.000'S	115° 41.600'E
Y	32° 04.600'S	115° 42.500'E


CSC Cockburn Sound Channel Marker; **CPELM** Challenger Passage Eastern Lead Marker, **Mewstone** Mewstone Day Buoy, **WCSE** Woodman Channel Starboard Entrance, **JBNC** Jervoise Bay North Cardinal, **Iso** 11m Mark Isolated Danger Mark

Navigation Mark	Latitude	Longitude
Beagle	32° 03.6'S	115° 43.6'E
Mewstone	32° 05.2'S	115° 39.0'E
CPELM	32° 08.8'S	115° 40.2'E
WCSE	32° 09.4'S	115° 43.9'E
JBNC	32° 08.9'S	115° 44.9'E
Iso 11m Mark	32° 03.2'S	115° 40.7'E
CSC "A"	32° 03.7'S	115° 41.3'E
CSC No 9	32° 07.1'S	115° 42.0'E
CSC No 10	32° 07.5'S	115° 42.1'E
CSC No 12	32° 08.2'S	115° 42.2'E
South Transit 1	32° 08.7'S	115° 42.4'E
South Transit 2	32° 09.2'S	115° 42.5'E

Twilight Courses

Twilight Course 1				
				Rounding
Start @	E			
	W			Port
	F			Starboard
	Y			Starboard
	N			Starboard
Finish @	E			
NM	6.1			

Twilight Course 3				
				Rounding
Start @	E			
	Y			Starboard
	L			Port
	N			Port
Finish @	E			
NM	3.8			

Twilight Course 4				
Division				Rounding
Start @	E			
	F			Port
	B			Port
	F			Starboard
Finish @	E			
NM	3.8			



Fremantle Sailing Club

EVENT EMERGENCY PLAN

IN AN EMERGENCY CONSIDER THE FOLLOWING PROCEDURE

Assess the situation:

Ensure Command * Ensure Vessel Survivability * Begin Emergency Communications

The Distress Message:

Broadcast the appropriate distress message on marine radio:

VHF Ch 16 (emergency) or
VHF Ch 73 (Sea Rescue Fremantle -
Call sign VN6DI)
HF Channels 2182, 4125, 6215, 8291
UHF/ 27 MEG Ch 88 or 90

Person Lost at Sea:

Call WA Water Police:
VHF Channel 16 or Phone 9442 8600

Vessel on Fire:

Call Dept. of Fire & Emergency Services:
000 (landline)/ 112 (mobiles)

Call Sea Rescue Fremantle:
VN6 DI./ VHF Channel 16/ Ph. 9335 1332
(24 hours)

Casualty Disembarkation -
FSC Anglers Jetty

Ambulance meeting point -
FSC Anglers Jetty

EVENT EMERGENCY PLAN

Serious Injury/ Medical Emergency

Call WA Water Police:
Ph. 9442 8600

Ambulance:
000 (landline) / 112 (mobiles)

Emergency on water in marina:
Pick up location @ FSC Anglers Jetty

Emergency at sea:
Pick up location @ FSC Anglers Jetty

Automatic Electronic Defibrillator (AED) &
Resuscitation Equipment:
Bar & MV Success

Casualty Disembarkation:

FSC Anglers Jetty



FSC Phone Numbers:

Club/ Main Office: 9435 8800
Race Control: 9430 6063

Harbour Master: 0433 024 790
Assistant Harbour Master 1: 0434 539 943
Assistant Harbour Master 2: 0448 099 494



SUMMER OFFSHORE

SEPTEMBER 2022
TO MAY 2023

		SC	CSC
17.09.22	Foundation Race - George Law Memorial	<input type="radio"/>	<input checked="" type="radio"/>
15.10.22	Coventry Reef Race	<input type="radio"/>	<input checked="" type="radio"/>
29.10.22	Centaur Run (SoPYC)	<input type="radio"/>	<input checked="" type="radio"/>
12.11.22	The West Coaster Race	<input checked="" type="radio"/>	<input type="radio"/>
18.03.23	Gage Roads	<input type="radio"/>	<input checked="" type="radio"/>
19.03.23			
31.03.23	Cape Naturalist & Return Race	<input checked="" type="radio"/>	<input type="radio"/>
06.05.23	Fremantle to Exmouth	<input checked="" type="radio"/>	<input type="radio"/>

FOR MORE INFO VISIT: [FSC.COM.AU/SUMMER-KEELBOAT-SERIES-2022-23/](https://fsc.com.au/summer-keelboat-series-2022-23/)



Offshore Racing

If you want to extend your skills and boost the challenge of sailing, consider taking up offshore sailing this season.

Fremantle Sailing Club has a prominent place in Western Australian offshore racing, with member boats comprising over 70% of the fleet.

All the challenges of navigation, sailing technique and tactics are augmented, and aspects such as stamina, planning and discipline come to the fore. You become part of a team who trust each other and work together. It may seem a daunting prospect, but you don't have to have a million-dollar yacht to compete, you can enter in two to three divisions with associated handicaps to make racing competitive.

Fremantle Sailing Club Offshore racing scene is coordinated with the Ocean Racing Western Australia Racing (ORWA). All offshore club racing being incorporated into the ORWA Series results and yachts must have a current ORWA membership to compete.

ORWA summer season comprises of short haul races, blue water and SSKA trophy races plus the WA IRC state championships. In addition, offshore sailors can join Inshore races should they want to add in more sailing opportunities.

For more details refer to <https://www.oceanracingwa.com.au/home/>

Every effort is made to timetable races, so they do not clash with significant championship races. Most Offshore races are only a day long, although there are some two day or weekend races. Some finish at other clubs (e.g. Hillary's, Rockingham, Mandurah), often with a return race.

Many boats from the other WA sailing clubs also participate, giving you the chance to socialise, compare tactics and race against some top-notch sailors and yachts.

Offshore racing will further diversify your sailing skills as it's in a lot of ways a different type of racing from the Inshore racing scene. For Skippers & Crew, it will be necessary to learn a greater range of skills so that there is more than one person on the boat who can, for example, work foredeck, navigate, or do the radio scheds. Meals and refreshments will have to be prepared, and you can't just leave the kite to pack when you get back to the pen.

Offshore sailing requires increased focus with respect to safety and safety equipment; most races require yachts to complete safety audits to Category 3+.

With crew having been trained to cover First Aid, Radio Operator Licenses, Sea Safety Survival or navigational qualifications. Talk to the Sailing Office about these courses. However, these are desirable attributes only; more important all crew need to have good wet weather gear and a sense of humour on those days when you will get wet!

Crew don't have to be very experienced; an eager and reliable beginner is worth his or her weight in gold. Skippers and crew are more than happy to train you on the job.

For skippers, if you have plans to cruise, offshore racing will help you achieve some of the confidence and experience you will need for sailing long distances offshore and sailing at night. You will gain this in the company of other yachts and under close radio supervision.



Your crew will relish the step up to offshore and the increased responsibility they are given. Your growth and theirs, in both sailing and personal terms, will be extremely satisfying.

Fremantle Sailing Club has an active Offshore Committee, which both skippers and crew can tap into for mentorship and general know how.

As always in sailing, skippers are looking for reliable crew. The Sailing Office can put you on a list of available crew or put you in contact with a skipper. Take the next level of challenge. See you on the water

MORE INFORMATION

For further information contact the Sailing Office or any of the Committee Members listed on the Club Web page.



Cruising Sailors invite you to share the adventure

Fremantle Sailing Club Cruising Section organises cruises and events in company with other boats to advance seamanship, enjoy the camaraderie and support of like-minded people.

On-Water and Social Events

- Monthly Sunday Sailing, a cruisy afternoon Jib & Main sail followed by presentations on the sundeck
- Coastal cruising to local anchorages and islands in a safe and organised group
- Longer voyages to destinations such as the Abrolhos Islands, Geographe Bay, Shark Bay organised by the cruise coordinator and network of fellow sailors
- Topic Nights on Thursday evenings where experienced sailors provide a wide range of information or blue-water cruisers share their adventures and knowledge
- Tuesday evening on the Sunset Deck for the Live-a-Board BBQ
- Wednesday Twilight Sailing

Seamanship and Safety

The section provides advice, online resources and access to World-class books and chart data in the FSC Library and Chart Room. A comprehensive collection of nautical publications on just about every aspect of cruising, boat ownership and a limited collection of uncorrected paper charts. Cruising also has access to Cruising Guides for local and distant waters and a computer-based set of electronic charts of Australia.

Publications

The Western Australian Cruising Guide is regarded as the coastal cruising Bible for WA and is regularly updated by its editor, Kim Klaka.

FSC Cruising section work together on the publication of the comprehensive, WA Cruising Guide, a regularly updated document available to download free at

<https://www.fsc.com.au/wa-cruising-guide/> or printed copies can be purchased from Reception.

To assist with safety and risk management compliance, we also provide the free 'Green Book safety Recommendations for Cruisers', and also advice from the Committee's Safety Officer. From time to time the section organises Person Overboard Recovery exercises, flare experiences, fire prevention and further safety at sea and on board practice.



Cruising New Horizons

Visitors from overseas interstate and other clubs are welcomed by our Long Distance Cruising Representative to assist with local knowledge and expertise.

Environment

Cruising Sailors support caring for the oceans with an annual Clean Oceans Day involving all FSC Sections and work in conjunction with Tangaroa Blue and the club's Marine Environment Committee.

Cruiser of the Year

"It's about the dream". To recognise the achievements and inspire others to 'just do it', we select one of our sailors as the 'Cruiser of the Year'.

Join In

- Come along to the regular meetups, Topic Nights, monthly Sunday Sailing and cruises.
- Check the Cruising section noticeboard, FSC online calendar (www.fsc.com.au/events/) or the FSC On Water Calendar for upcoming events.
- Join the FSC Cruising Google Group by contacting the cruising captain
- Visit our Facebook Group "Fremantle Sailing Club Cruising Section"
- Contact the Cruising Committee: cruising.captain@fsc.com.au

Monthly Jib & Main Sailing

Usually on the third Sunday of each month, also on FSC Opening Day, ANZAC Day, Australia Day and others...

Jib and Main (J&M) sailing is a fun afternoon on the water starting at approximately 1300 and followed by post cruise refreshments and food option available from the sailors' bar. Spinnakers are not allowed, there are no prizes for fastest or first, but a few for participation are presented after the event on the sunset deck.

For the Cruising J&M sail and catering purposes it is expected that people either register on the noticeboard in the foyer, or online, or contact the cruise contact and let them know expected numbers for the day.

Start Place: Adjacent to Mark "L" or Beagle Rock ISO mark

Signals and Notices: Rabbit Start Boat – The name of the boat will be advised on the day.

From Rabbit Boat to Cruising Fleet on VHF72, low power. From 1230, and for the start countdown from 1255 until finish

Courses:

Course 1 = FSC Marks // Course 2 = Cockburn Channel Marks

As the leading boat rounds the top mark it will be broadcast on VHF72 that “lead boat has rounded FSC Mark “S” in Course 1 or rounded Cockburn Sound Channel Mark #5 in Course 2.

All boats may then immediately retrace their course to the finish. The aim is to have all boats finish at the same time.

Cruising JAM Course #1 = FSC Marks			Approximately 6.5 NM
Start	FSC Mark	L	
1 NM	FSC Mark	F	Starboard
2 NM	FSC Mark	W	Port
1 NM	FSC Mark	S = Top Mark	Port
1 NM	FSC Mark	W	Starboard
1 NM	FSC Mark	F	Port
1 NM to Finish	At FSC Mark	L	Starboard

Cruising JAM Course #2 = Cockburn Channel Marks (CCM)			Approximately 7 NM
Start		Beagle Rock ISO	
2 NM	CCM	#1	Port
0.5 NM	CCM	#2	Port
0.5 NM	CCM	#3	Port
0.5 NM	CCM	#4	Port
0.5 NM	CCM	#5 = Top Mark	Starboard
0.5 NM	CCM	#4	Starboard
0.5 NM	CCM	#3	Starboard
0.5 NM	CCM	#2	Starboard
0.5 NM	CCM	#1	Starboard
2 NM	To finish at	Beagle Rock ISO	Starboard

SAFETY NOTE

Please ensure at least 50 meters' clearance of COMERCIAL SHIPPING lanes is exercised in the following areas: The entrance to the Fremantle Harbour and Cockburn Sound Channel.

Rules

The event is sailed under the Regulations of Prevention of Collision at Sea and DoT WA Regulations, not the Racing Rules of Sailing. This is a fun event and any racing tactics are strongly discouraged. A constant radio watch is maintained on VHF72 (Low Power). The Green Book is the ultimate guide to equipping your boat and crew for cruising and the best thing is that it is free from FSC Reception or on the FSC Cruising webpage.

Disclaimer

Participants participate in these events entirely at their own risk. The decision to participate is entirely up to the person in charge of the boat. The Organising Authority, Fremantle Sailing Club, its associates and appointees will not accept any responsibility for material damage or personal injury, death or inconvenience sustained in conjunction with, prior to, during, or after the event. By participating in the event each participant agrees to release the event organisers from any and all liability associated with such a person's participation in the event to the fullest extent permitted by law.

Gate Rabbit Start Procedure

From about 1245 the Rabbit Boat will announce the course to be sailed on the day, which is Course 1 FSC Marks or Course 2 Cockburn Channel Marks.

At about 1255 the Rabbit Boat will announce the commencement of the start procedure.

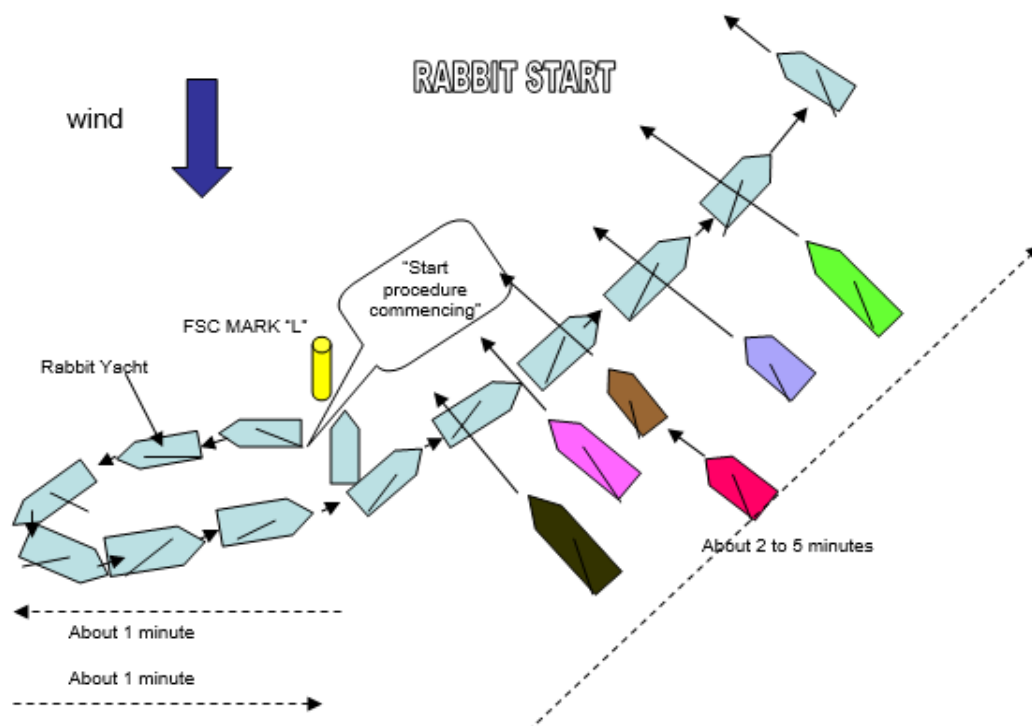
With 1 minute to go an announcement will be made on VHF72 that “the start gate will be opening”.

The Rabbit Boat will initially be proceeding in a Westerly direction at or about Mark “L” for Course 1 or in a northerly direction at or about Beagle Rock ISO mark for Course 2.

As the Rabbit Boat passes the Start Mark all boats will start by passing between the Stern of the Rabbit Boat and the start mark for that course.

When all (or most) of the boats have “started”, the Rabbit Boat will also be able to go on to a course towards the first mark of the course for the day.

PLEASE NOTE: DURING THE START PROCEDURE THE RABBIT BOAT HAS THE RIGHT-OF-WAY





Sailing Office Staff

Head Coach – Mikael Lundh

headcoach@fsc.com.au 9435 8809

Sailing & Training Coordinator – Jack Joyner

sailingmanager@fsc.com.au 9435 8809

Sailing Administrator – Scott Nunn

sailingadmin@fsc.com.au 9435 8821

Sailing Manager – Chris White

sailingmanager@fsc.com.au 9435 8817

VHF RADIO INFORMATION

Below is a reproduction of the ACMA VHF marine radio channel chart. Channels in green are for non commercial (recreational) use. **Offshore and inshore racing use Channel 72 although circumstances may require the use of an alternate channels for some race events.** Please could sailors remember to use low power when using the radio to communicate with others who are in close proximity.



★ also used for on scene air/sea SAR operations

Local Sea Rescue Groups		
Location	Call Sign	VHF Channels used
Bunbury	VMR634	16
Busselton	VMR640	16/74 & 80/22
Cockburn	VH6CL	16/73
Fremantle	VN6DI	16/73 & 81/82
Lancelin	VMR688	16 & 22
Mandurah	VMR 611	16/73 & 82
Rockingham	VN6KC	16/73 & 81/82
Two Rocks	VMR677	16/73
Whitfords	VJ6LQ	16/73

Recommended links for further information:

www.acma.gov.au/vhfmachine

www.amc.edu.au/handbook

www.transport.wa.gov.au/radios



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PHOTOGRAPHY: LISA SMITH