

# Blue Book 2023-24

Celebrating 60 years



1964-2024





**BOTANY BAY YACHT CLUB LTD  
2023 - 2024 SEASON**

**OFFICE BEARERS**

**Commodore**

Karen Ballantyne

**Vice Commodore**

Phil Widders

**Rear Commodore**

Dimitrios Houridis

**Immediate Past Commodore**

Karen Ballantyne

**Honorary Secretary**

Peter Richardson

**Honorary Treasurer**

Barry Elliott

**Honorary Race Secretary**

Rob Widders

**OTHER DIRECTORS**

Warren Browne | Brian Christenson

Glenn Huggett | Russell Law

John Reed | Dominic Ritchie | Antonia Ruffell | Brian Talbot

## GENERAL INFORMATION

**Botany Bay Yacht Club Ltd**

**44 Endeavour Street**

**SANS SOUCI NSW 2219**

A.C.N. 000 980 361

A.B.N. 31 000 980 361

**Telephone:** 02 9529 6152

**Email:** [info@bbyc.com.au](mailto:info@bbyc.com.au)

**VHF Radio** Channel VHF 77 (Ch 16 for emergency)

**Web Site:** [www.bbyc.com.au](http://www.bbyc.com.au)

**Facebook:** [www.facebook.com/BotanyBayYachtClub](http://www.facebook.com/BotanyBayYachtClub)  
[www.facebook.com/groups/bbyccruising](http://www.facebook.com/groups/bbyccruising)

### Membership Fees to 31 March 2024 (all GST inclusive)

<b>Full</b> (Full voting rights and privileges)	\$ 295
<b>Crew</b> (Limited rights)	\$ 150
<b>Family</b> (Includes 1 Full + 1 Crew + up to 2 Juniors)	\$ 445
<b>Junior</b> (Under 18 - Limited rights)	\$ 57
<b>Social</b> (Limited rights)	\$ 57

*Refer to [bbyc.com.au](http://bbyc.com.au) website for further details*

*Class Association fees should be paid to the relevant Association*

### Race Fees to 30 July 2024 (all GST inclusive)

Full Year (all Series, incl. Twilights)	\$400
Spring — Saturday Bay Series only	\$120
Summer — Saturday Bay Series only	\$120
Autumn — Saturday Bay Series only	\$120
Winter — Saturday Bay Series only	\$120
Transit Series only	\$ 80
Sprint Series only	\$ 80
Twilight series—Spring & Summer	\$ 50
Casual Entry — Saturday Series races	\$ 25
Casual Entry — Twilight / Novelty races	\$ 10
Australia Day Regatta	\$ 25
Protest Lodgement	\$ 25

# Club Handbook Contents



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### **Commodore's welcome**

I'm delighted to welcome you to the Botany Bay Yacht Club as we celebrate our 60<sup>th</sup> year as a volunteer-run sailing club. We have a proud history sailing keel boats and sports boats on Botany Bay and beyond, and a growing cruising division.

I'd like to acknowledge the foresight of our founding members in establishing our Club to enjoy the true winds of Botany Bay, and their fundraising to purchase the Endeavour Boat Shed in 1973, which has operated for over a century. I had the pleasure of meeting [Reg Gardener OAM](#), our inaugural Commodore and builder of the legendary Endeavour. Tas Economos was member #1 and was granted Hon. Life Membership for services as a starter. I first sailed with founding member and inaugural secretary, [Maurie \(the Bear\) Cameron](#) on Witchdoctor. He sailed with us on Limerick in the Endeavour Nationals, and shared some great yarns.

As an all-volunteer club, I'd like to thank you, our members, for being the lifeblood of our organisation and setting us up for success in the years ahead.

*Karen*

Karen Ballantyne

## ABOUT BOTANY BAY YACHT CLUB

We are a not-for-profit sailing club affiliated with Australian Sailing. We race and cruise yachts on the enclosed, pristine and uncrowded waters of Botany Bay, Kogarah Bay and the Georges River. Our club is run by member volunteers for the benefit of all members. We pitch in to create a great family-friendly environment with a relaxed social atmosphere.

### Clubhouse

The Club is open on race days, meeting nights and at other times for Club activities. The forward schedule of our sailing activities is listed in our Schedule of Events (p68).

Access to the club and amenities is limited via coded security. We value our neighbours and appreciate your consideration for minimising noise when arriving and leaving the Club. Please do NOT park on the centre island of Endeavour Street.

### Galley and Bar

Hot food and refreshments are available on race days. The Club bar also operates on race days and may be open at other times to suit cruising and other Club activities.

### Amenities

Hot showers and toilets are situated on the ground level underneath the clubhouse and are strictly limited for use by Club members and hardstand customers.

### Parking

Parking within the Club's property is reserved for Full members only and spaces are limited. Priority is given to boat-owning members participating in scheduled Club events.

### Boatyard and Hardstand

The Club's boatyard and dock area are operated by our commercial tenant, Endeavour Boatshed. Slipping and hardstand facilities are available by arrangement with Endeavour Boatshed. Crane use is restricted to members trained in its operation by EBS. The slipway can accommodate vessels up to 18T. Owners' tenders may be stored on the hardstand rack for a fee by arrangement with Endeavour Boatshed. BBYC Full members will save 10% on slipping costs. Endeavour Boatshed will explain any restrictions that apply to activities within the boatyard and dock areas. Fees apply for all services. Please contact Endeavour Boatshed for more information:

Tim Plant            0432 563 490  
info@endeavourboatshed.com.au

## **Tender**

The Club provides a tender on weekends and public holidays for transport to and from vessels listed on the Club's register and moored in Kogarah Bay. Priority use is given to those sailing in Club events – please limit use of the tender on Friday evenings, Saturday race days and Sunday cruise events to participants only. Please refer to the Tender Use Policy for more detailed information regarding operation of the tender.

BBYC also provides a dinghy, which is available for use by members at any time. Both the tender and the dinghy are for transport to and from a member's vessel with fast turnaround required. Neither may be left tied to a vessel or a mooring. On race days, to enable everyone to be picked up quickly, skippers are requested to pick up and set down crew and equipment at either the Club pontoon or the public wharf, so that only 2 people are transported to or from a mooring. An exception may be made for deep-draughted boats.

## **Dock**

The main pontoon dock is available for Full member boat owners to use on weekends and public holidays. Priority is given to boats sailing in Club events, including races, regattas and cruising activities.

Vessels may not be left unattended at the dock without the prior permission of the Club's Rear Commodore or Commodore.

On weekdays, Full member boat owners may contact Endeavour Boatshed to arrange use of the dock, subject to at least three days' notice. No fee applies to Club members.

## **Swing Moorings**

Endeavour Boatshed manages 28 swing moorings on behalf of the Club, which are available for both short and long term rental arrangements. Please contact Endeavour Boatshed if you would like to rent a swing mooring.

## **For membership categories and fees see page 3.**

We appreciate the support of our fabulous sponsors. BBYC Full members save 10% on slipping at Endeavour Boatshed.

- Endeavour Boatshed
- Herrick Sailmakers
- AusSea Sailing School
- Infinity Rigging
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- Sydney Mooring and Barge



***BOTANY BAY YACHT CLUB LTD***

**Honorary Life Members**

Stephen Hall | Brian May  
 Ian McKay | Brian Christenson

**Life Members**

Ray Hill | Brian Leverton | Warren Eggins  
 Norman Longworth | David McKay | Graham Spelman  
 Christopher Mifsud | Paul Minter | Karl Pochleitner | Colin Cole

**Past Commodores**

R. Gardner	1964 - 65	G. Mee	1994 - 97
E. Bradley	1965 - 67	W. Keavy	1997 - 99
W. Vine	1967 - 70	G. Van Ruth	1999 - 00
R. Sallaway	1970 - 71	I. McKay	2000 - 02
W. Ryan	1971 - 72	G. Lerond	2002 - 04
D. Holloway	1972 - 74	B. Leverton	2004 - 06
G. Payne	1974 - 76	C. Cole	2006 - 09
G. Britt	1976 - 78	W. Hamilton	2009 - 10
R. Gilkes	1978 - 80	C. Cole	2010 - 11
B. Tyquin	1980 - 82	B. Christenson	2011 - 14
R. Shoebridge	1982 - 85	G. Lerond	2014 - 15
R. Hill	1985 - 87	W. Browne	2015 - 18
G. Greenslade	1987 - 89	B. Christenson	2018 - 21
G. Beaton	1989 - 92	K. Ballantyne	2021 -
G. Spelman	1992 - 94		





Many thanks to our 'official' photographers throughout the season: great job Helen, Craig, Marc, Glenn, Karen, Col, John, Andrew, Nicole, Gary, Phil.

# BOTANY BAY YACHT CLUB LTD

## 2023-24 VOLUNTEER APPOINTMENTS

### AUSTRALIA DAY REGATTA REPRESENTATIVE

Brian Christenson

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### BAR MANAGEMENT

Grant Ballantyne, assistant Paul Eisenhuth  
*(All RSA holders welcomed)*

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### BOATYARD COMMITTEE

Commodore (Chair) | Warren Browne  
Glenn Huggett

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### COMMUNICATION COMMITTEE

Karen Ballantyne | Chair  
John Reed | Website  
Phil Widders | The Log  
Rob Widders, Phil Widders | Blue Book

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### CRUISING COMMITTEE

Glenn Huggett | Greg Bridges  
Tom Drozdek | John Reed

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### FINANCE COMMITTEE

Barry Elliott | Chair

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### FIRST AID OFFICERS

Karen Ballantyne | Warren Browne  
Grant McKellar | Grant Ballantyne

### GALLEY COMMITTEE

Phil Widders, Karen Ballantyne, Bert  
Morales

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### PROTEST COMMITTEE

David Cradock, Dimitrios Houridis, Rob  
Widders

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### Race Committee

Karen Ballantyne | Chair  
Dimitrios Houridis | Rob Widders

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### Equipment Auditors

Warren Browne | Brian Talbot | Phil Widders  
| Peter Richardson | Dominic Ritchie |

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### STARTERS

Gary Dunne | Kathy Dunne | Gary Kembrey  
Wayne Foley, Peter Young, Phillip Ebarrete  
as assistants.

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### RACE FLEET CAPTAINS

David Cradock (Twilight)  
Charles Marussich (Bay)

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### TROPHY OFFICER

Glenn Huggett



## SUMMARY OF 2022-23 SEASON

The 2022-23 season was very successfully managed by the club, being the first full season since the COVID-19 restrictions. Five races needed to be abandoned due to hazardous weather conditions or lack of wind – three bay races and two twilights. The club annual Presentation Day was very well attended and enjoyed.

Racing was closely contested and well attended during the season, with a single point or countback deciding places in many series. Well done to placegetters for all series and special trophy races. The Griffin team sailed very consistently all year and helped themselves to the Club Championship as well as wins in the Transit and Summer series, along with placings in the Spring and Sprint series. Frenzy had an excellent first season winning the Spring and Autumn series, and coming second in the Club Championship and third in the Transit series. Tic Tacs also had very consistent season, being third in the Club Championship and placing in the Spring, Autumn and both twilight series – winning the 2023 series. Again, great thanks to our fantastic starters for their unfaltering dedication.

The twilight fleet on average has nearly doubled, with ten boats participating over the course of both series, and most races were very closely contested all the way around the varied courses. Rhumblin IV won the 2022 Spring Series from Scallywag Too and Tic Tacs. For the 2023 Summer Series it was Tic Tacs from Rhumblin IV and Scallywag Too. For the full season, it was Rhumblin IV, Tic Tacs then Scallywag Too.

The table below (p12) summarises the Series and special trophy handicap placegetters through the season – congratulations to all participants for the spirited competition. The Endeavour series is based on scratch results. Of course, the monthly Log is posted on the BBYC Facebook page with detailed records of all racing, cruising, and up-coming events.



<b><u>Series</u></b>	<b><u>Trophy</u></b>	<b><u>1st</u></b>	<b><u>2nd</u></b>	<b><u>3rd</u></b>
<b>Spring Bay</b>	John Slattery Trophy	Frenzy	Tic Tacs	Griffin
<b>Summer Bay</b>	Eric Gamble Memorial Trophy	Griffin	Vamos	Halcyon Daze
<b>Autumn Bay</b>		Frenzy	Stockade	Tic Tacs
<b>Club Championship</b>	Founder's Trophy	Griffin	Frenzy	Tic Tacs
<b>Transit</b>	Tas Economos Trophy	Griffin	Resurgent	Frenzy
<b>Sprint</b>	Jim Mitchell Trophy	Resurgent	Griffin	Vamos
<b>Winter 2023</b>	E.Merrington Trophy	Rhumblin IV	Wundurra	Tic Tacs
<b>Endeavour Scratch</b>	Gardner Trophy	Tic Tacs	Rhumblin IV	Blys
<b>Commodore's Cup</b>	Commodore's Cup	Stockade	Frenzy	Vamos
<b>David Holloway Trophy</b>	David Holloway Trophy	Halcyon Daze	Griffin	Vamos
<b>Tony Brauer Trophy</b>	Tony Brauer Memorial Trophy	Vamos	Rhumblin IV	Wundurra
<b>Twilight 2022/23</b>	Larry Lucock Trophy	Rhumblin IV	Tic Tacs	Scallywag Too
<b>Twilight 2022</b>	Jim Burrell Memorial Trophy	Rhumblin IV	Scallywag Too	Tic Tacs
<b>Twilight 2023</b>	Steve Hall Trophy	Tic Tacs	Rhumblin IV	Scallywag Too
<b>Australia Day Regatta</b>		<b>Div A:</b> 1. Tic Tacs 2. Rhumblin IV 3. Dragon Lady	<b>Div B:</b> 1. Resurgent 2. Kalevala 3. Vamos	<b>Overall:</b> 1. Resurgent 2. Tic Tacs 3. Rhumblin IV
<b>Club person of the year 2021-22</b>		Bert Morales		
<b>Crew person of the year 2021-22</b>		Col Tickell		



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Sydney Harbour

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Contact MARC on 04 19-229 522  
[marc@ausseasailingschool.com.au](mailto:marc@ausseasailingschool.com.au)









## BBYC CRUISING DIVISION

Kogarah Bay is an ideal base to enjoy sailing in the sheltered waters of Botany Bay with short hops to cruise Port Hacking, Sydney Harbour, and Pittwater and beyond. The cruising division welcomes all BBYC sailboat owners and their crew. Our multihull fleet has tripled in the last year.

Our program of cruising activities throughout the year includes bay and coastal cruising, sundowners and social events. We usually plan a cruising event for the last weekend of each month. It might be a weekend away, an offshore whale watching cruise or a day sail in the bay followed by a catch up in the clubhouse. Cruising in company is a great way to build your skills and confidence. Your fellow members are very happy to share their experience and recommendations on everything from their favourite anchorages to tips on wiring your autopilot. With some notice, it's usually possible to arrange an experienced sailor to go for a cruise on your boat and support you to build your skills docking, picking up a mooring or anchoring.

All activities are dependent on the weather forecast, so please visit [bbyc.com.au](http://bbyc.com.au) and join our BBYC cruising Facebook group for the latest news. For more information, contact Glenn Huggett, Greg Bridges or Tom Drozdek.





## EMERGENCY AND USEFUL CONTACT DETAILS

<b>POLICE / AMBULANCE / FIRE BRIGADE</b>	000 (Phone) / 112 (Mobile)
<b>WATER POLICE</b>	
SANS SOUCI	02 8566 7566 (incidents only)
ON-BOAT MOBILE	0418 221 100
OPERATION NEPTUNE	1800 658 784 (Marine Crime Stoppers – 24Hrs)
<b>BBYC CLUBHOUSE</b>	
CLUBHOUSE PHONE	02 9529 6152
OFFICE EMAIL	info@bbyc.com.au
WEBSITE	www.bbyc.com.au
FACEBOOK	www.facebook.com/BotanyBayYachtClub
VHF	Channel 77
<b>STARTERS</b>	
GARY DUNNE	0407 237 874
GARY KEMBREY	0412 671 482
KATHRYN DUNNE	0409 468 666
WAYNE FOLEY	0414 390 543
PETER YOUNG	0419 623 001
<b>ENDEAVOUR BOATSHED</b>	
TIM PLANT	0432 563 490
<b>EMERGENCY SERVICES</b>	
MARINE RESCUE SOLANDER	02 9668 9888 (may divert to mobile)
27MHz Channel 88	Sat / Sun / Public Holidays
VHF Channel 16	Sat / Sun / Public Holidays
MARINE RESCUE SYDNEY	02 9450 2468
27MHz Channel 88	24 / 7
VHF Channel 16	24 / 7
MF/HF 2182, 4125	24 / 7
SANS SOUCI MARITIME	0418 460 293
WESTPAC HELICOPTER	02 8594 1111
<b>LOCAL SAILING CLUBS</b>	
GEORGES RIVER SAILING CLUB	02 9529 3000
KOGARAH BAY SAILING CLUB	02 9546 7370
KURNELL CATAMARAN CLUB	02 9668 9295
St GEORGE MOTOR BOAT CLUB	02 9529 7276
St GEORGE SAILING CLUB	02 9529 4911
YARRA BAY SAILING CLUB	02 9661 8545

## BBYC RISK WARNING

This RISK WARNING is issued jointly by the Botany Bay Yacht Club (BBYC) and Transport for NSW (TfNSW), pursuant to the Civil Liability Act 2002, to all persons wishing to participate in sailing activities conducted by the Botany Bay Yacht Club.

Participants are warned that, regardless of the precautions which might be taken by reasonable and experienced persons, sailing can be a dangerous pursuit and participants are exposed to significant risk of property damage, physical harm and possible injury or death.

As an indication, these risks include, but are not limited to:

- The extremes of weather and sea conditions;
- The potential that control of vessels may be lost, resulting in collision with objects and other vessels;
- The sudden movement of the vessel at any time and the possibility that participants may fall or be thrown overboard, resulting in injury or drowning;
- The possibility that participants may be injured by equipment on the vessel;
- The absence of immediate medical care and the likelihood that significant delay may occur before medical care is available;
- Exposure to the elements for extended periods.

BBYC and TfNSW warn participants that, regardless of their best intentions, they may be unable to render assistance to participants who are in distress. Participants are warned to consider the above risks and all other risks before deciding to participate in any BBYC sailing event.

Participants are also advised that, although BBYC is covered by third party liability insurance, this cover does not extend to participants. It is mandatory that all boats participating in BBYC events are covered by appropriate and adequate insurance, with third party liability protection of not less than \$10,000,000. BBYC is affiliated with Australian Sailing, so club members participating in BBYC events receive limited personal accident insurance cover (<https://networkmarine.com.au/sailing/personal-accident/>). Any participant who considers they need additional personal insurance should make their own arrangements with an insurer.

## **IMPORTANT NOTE FOR SKIPPERS**

To protect the club and our sailors, it is the responsibility of individual skippers to ensure that all crew are financial members or have obtained a SailPass before participating in any BBYC event on their boat. This is available from [bbyc.com.au](http://bbyc.com.au). Any non-member who has participated in three BBYC events via SailPass must apply for BBYC membership before participating in further BBYC events.

Once a non-member has participated in three BBYC events, skippers must alert a BBYC Flag Officer or a Director. Please contact the Secretary if you have any queries.

## **Weather Warning Safe Sailing Policy**

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This policy relates to the cancellation or abandonment of **Botany Bay Yacht Club** (“Club”) sailing events, including racing and cruising events, which may be due to inclement weather and / or unsafe sailing conditions. Attention is also drawn to the BBYC Heat Stress Risk Policy, outlined elsewhere in this Document.

The purpose of both the Safe Sailing and the Heat Stress Risk policies is to guide Club Officers, and Members, in helping to ensure racing and other sailing events are conducted with due regard to the safety of Club members, boats and members of the public with whom we share our local waterways.

The policies do not infer any liability on the Club, its Board of Directors, Race Committee, Race Starters or any agent of the Club for any damage or injury sustained while racing or cruising in an event organised by the Club or its agents. All Skippers and other participants are advised to consider the various risk warnings issued by the Bureau of Meteorology (BOM), Transport for NSW (NSW Maritime) and the Club prior to participating in any sailing event conducted by the Club.

### **Useful weather warning information**

Weather warnings are issued by the BOM and are specific to areas of each State (e.g. Sydney coastal waters, Sydney closed waters, etc.). Considerations by Skippers in relation to such warnings include:

- **When will the wind warning conditions start?**

Skippers must assess whether they have enough time to get back to port before the wind reaches warning strength or take all reasonable safety precautions, including but not limited to reducing sail area, ensuring all those aboard are wearing appropriate life jackets, seeking shelter, etc.

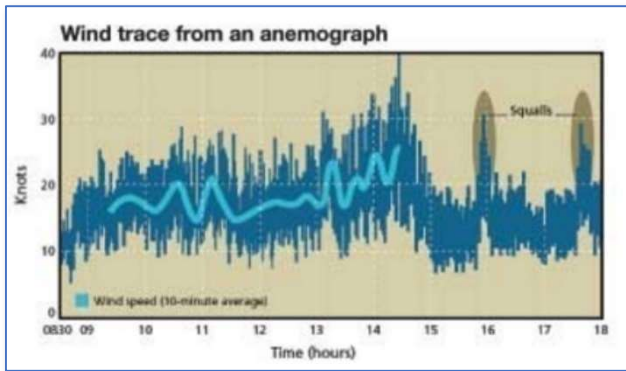
- **What speed will the wind reach?**

Refer to the BOM wind warning ranges (table overleaf). Skippers must be aware of what wind conditions their vessel can handle safely and take steps to avoid unnecessary risk.

<b>Strong Wind</b>	Winds averaging from <b>26 knots up to 33 knots</b>
<b>Gale</b>	Winds averaging from <b>34 knots up to 47 knots</b>
<b>Storm Force Wind</b>	Winds averaging from <b>48 knots up to 63 knots</b>
<b>Hurricane Force Wind</b>	Winds averaging from <b>64 knots or more</b>

Ref: - [www.bom.gov.au/marine/about/six-things-about-wind-warnings.shtml](http://www.bom.gov.au/marine/about/six-things-about-wind-warnings.shtml)

**NOTE** - Average wind strength (for a 10 minute period) can include wind gusts of 40% or more above the forecast or observed average. Refer *Diagram 1* to see a typical wind chart.



**Diagram 1 (ref AFLOAT magazine (2009))**

BOM website data for NSW ([www.bom.gov.au/nsw/observations/sydney.shtml](http://www.bom.gov.au/nsw/observations/sydney.shtml)) updates every 10 minutes and gives recorded average and gust wind speeds over that 10 minute period. The highest wind gust since midnight of that day is also indicated. See *Table 1* example.

**Table 1**

SYDNEY AREA																		
	Date/Time EDT	Temp °C	App Temp °C	Dew Point °C	Rel Hum %	Delta-T °C	Wind					Press hPa	Rain since 9am mm	Low Temp °C time	High Temp °C time	Highest Wind Gust		
							Dir	Spd km/h	Gust km/h	Spd kts	Gust kts					Dir	km/h time	kts time
Sydney - Observatory Hill	15/04:50pm	24.5	23.1	18.9	71	3.6	E	24	-	13	-	1017.9	0.2	19.8 11:43pm	25.9 02:46pm	-	-	-
Sydney Airport	15/04:50pm	24.8	22.4	20.3	76	2.9	ENE	33	39	18	21	1017.9	0.6	19.9 04:42am	27.1 01:30pm	E	50 03:18pm	27 03:18pm
Sydney Harbour	15/04:50pm	23.6	-	-	-	-	E	24	28	13	15	-	-	19.3 11:27pm	24.3 01:06pm	ENE	52 10:20am	28 10:20am



You can also drill down to specific monitoring stations (see *Table 2* example) for average and gust wind speed readings.

**Table 2**

Station Details ID: 066037 Name: SYDNEY AIRPORT AMO Lat: -33.95 Lon: 151.17 Height: 6.0 m													
Data from the previous 72 hours.   See also: <a href="#">Recent months at Sydney Airport</a>													
Date/Time EDT	Temp °C	App Temp °C	Dew Point °C	Rel Hum %	Delta-T °C	Wind					Press QNH hPa	Press MSL hPa	Rain since 9am mm
						Dir	Spd km/h	Gust km/h	Spd kts	Gust kts			
15/04:30pm	25.0	22.6	20.0	74	3.2	ENE	32	41	17	22	1018.1	1018.1	0.6
15/04:00pm	25.1	22.7	19.9	73	3.4	ENE	32	39	17	21	1018.2	1018.2	0.6
15/03:30pm	25.4	22.5	20.0	72	3.5	ENE	35	48	19	26	1018.5	1018.5	0.6
15/03:00pm	25.7	22.4	20.0	71	3.7	ENE	37	48	20	26	1018.8	1018.8	0.6
15/02:30pm	25.8	22.1	19.9	70	3.8	ENE	39	50	21	27	1019.0	1019.0	0.6

### Other safety considerations

- Known hazards may also be present that require consideration and may lead to a sailing event cancellation or abandonment.
- Thunderstorms, lightning, hail and other environmental issues may also affect the race course area during the time of the race or sailing event.
- Other factors such as pollution from current or recent floods (debris and large floating material), oil spills or known sunken / submerged objects may also represent safety risks.

### Race postponement or abandonment

When a **gale or stronger warning** has been issued by the BOM, which is current for the area of the race within 2 hours of the scheduled start, that **race shall be postponed, or abandoned with no further racing on the day.**

When a **strong wind warning** has been issued and is current for the area of the race within 2 hours of the scheduled start, the Race Committee has the discretion to **vary the start time by up to one hour, postpone or abandon that race.**

Where no local wind warnings are in force, but the BOM forecast or recorded data from local BOM weather stations (e.g. Sydney Airport or Kurnell) indicate the occurrence or likelihood of **wind gusts of 26 knots or above for a significant period**, the Race Committee has the discretion to **vary the start time by up to one hour, postpone or abandon that race.** For forecast or actual **wind gusts of 30kts or above for a significant period**, it is recommended that the race be abandoned.

Where a race has been varied, postponed or abandoned by the Race Committee, all endeavours will be made to post the decision on the Club's [Facebook Page](#) and <https://www.bbyc.com.au> website Home page. Skippers may also be alerted via SMS or SIGNAL group app. **The Race Starter has similar discretion** when boats are already on the water. Please **refer to 'International Sailing Flags and Pennants'** (pg 65) for signals that will apply for delayed starts or abandoned races.

# Heat Stress Risk Policy

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This policy relates to the cancellation or abandonment of BBYC sailing events when elevated heat stress risk conditions are forecast. The purpose of this policy is to inform Club Officers, as well as members, in decision-making with respect to sailing during hot weather, including in organised BBYC events.

This policy does not infer any liability on the Club, its Board of Directors, Race Committee, Race Starters or any agent of the Club for any injury sustained while racing or cruising in an event organised by the Club or its agents. All skippers and other participants are advised to consider the heat stress risks before participating in any sailing event conducted by the Club.

The BBYC policy is based on the Extreme Heat Policy issued by Sports Medicine Australia (SMA; v1.0, issued February 2021). The full policy document is available at <https://sma.org.au/sma-site-content/uploads/2021/02/SMA-Extreme-Heat-Policy-2021-Final.pdf>. Additional useful information on heat-related hazards is available at <https://sma.org.au/resources-advice/policies-and-guidelines/hot-weather/>.

Heat illness is characterised by nausea, dizziness, vomiting and fainting, and can result in death. The heat stress risk assessment published by SMA models the effect of both temperature and humidity, adjusted for solar radiation and wind.

BBYC members should note that reading or using these guidelines, or the full SMA policy, is not the same as getting medical advice from your doctor or health professional.

## **How to Predict Heat Stress Risk during Sailing**

Under the SMA policy, sports in Australia have been split into 5 “risk classification” groups, 1 being the lowest and 5 the highest risk group. Sailing is in risk group 2. Heat stress risk while sailing can be determined by inputting predicted temperature and relative humidity (RH) into the SMA Heat Stress graph for sport risk group 2 (Figure 2 below).

To find the forecast temperature and RH for where and when you will be sailing, go to the Australian Bureau of Meteorology website. The detailed 3-hourly forecast for Botany Bay can be found at:

<http://www.bom.gov.au/places/nsw/botany-bay/forecast/detailed/> (Figure 1).

Click on “Detailed 3-Hourly Forecast”, select the appropriate date then, in the column for the time you will be sailing, note the “Air Temperature (°C)” value and, further down in the same column, note the concurrent “Relative Humidity (%)” value.

Botany Bay Detailed Forecast (beta)

View the current warnings for New South Wales

Change location Start typing, then select from list (town, city, postcodes or links) [Go]

Find Me

Friday 12 March

Saturday 13 March

Rainfall

From:	2:00 AM	5:00 AM	8:00 AM	11:00 AM	2:00 PM	5:00 PM	8:00 PM	11:00 PM
50% chance of more than (mm)	0	0	0	0	0	0	0	0
20% chance of more than (mm)	0	0	0	0	0	0	0	0
10% chance of more than (mm)	0	0.2	0	0	0.2	0	0	0.2
Chance of any rain	10%	10%	5%	5%	10%	5%	5%	10%

Temperatures

At:	2:00 AM	5:00 AM	8:00 AM	11:00 AM	2:00 PM	5:00 PM	8:00 PM	11:00 PM
Air temperature (°C)	22	21	22	25	27	26	24	23
Feels like (°C)	22	23	22	25	26	25	23	23
Dew point temperature (°C)	20	20	20	20	21	22	22	21

UV

At:	2:00 AM	5:00 AM	8:00 AM	11:00 AM	2:00 PM	5:00 PM	8:00 PM	11:00 PM
UV Index	0	0	1	6	8	1	0	0

Significant Weather

From:	2:00 AM	5:00 AM	8:00 AM	11:00 AM	2:00 PM	5:00 PM	8:00 PM	11:00 PM
Thunderstorms								
Snow								
Rain								
Fog								
Frost								

Humidity & Wind

Wind speed kts:	24	18	20	20	26	33	26	15
km/h:	44	33	37	37	48	61	48	28
Wind direction:	NNE	N	N	NNW	W	NE	NNE	NNE
Relative humidity (%)	65	61	69	74	89	80	86	89
Forest fuel dryness factor	4	4	4	7.2	7.2	7.2	7.2	7.2

On the graph of Heat Stress Risk (Figure 2) read across from the forecast RH to meet the line up from the forecast temperature – the colour zone at this point of intersection predicts the heat stress risk. For example, the forecast described above, for RH of 69% and temperature of 27°C, would just fall into the moderate risk for heat stress illness during sailing.

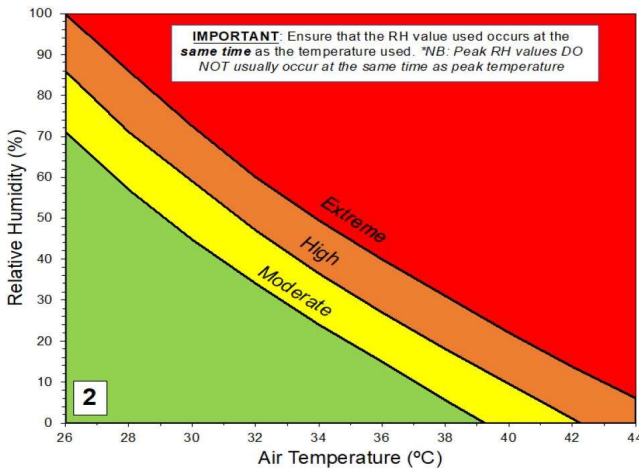


Figure 2. Heat Stress Risk for sailing. **GREEN** = Low Risk, **YELLOW** = Moderate Risk; **ORANGE** = High Risk; **RED** = Extreme Risk. Figure courtesy Sports Medicine Australia Extreme Heat Policy.

### Increased susceptibility to Heat Stress

While even the fittest athlete can fall victim to heat-related illness, certain people are especially vulnerable:

- Aged over 65 years, especially if unfit. Note that thermoregulation may become progressively worse with age, so risk is generally greater with more advanced age;

- Heart or kidney conditions present a greater risk of cardiovascular or renal failure during or following exercise in the heat;
- Recently sick with a fever;
- Taking prescription medications that impair sweating;
- A reduced ability to behaviourally respond to heat, e.g. due to mental health challenges or substance abuse;
- Very high body fat;
- Recently (in the past week) arrived from a cold climate.

### **Mitigating Heat Stress risk while sailing**

Plan ahead to sail safely in the heat. The recommendations below from SMA can reduce the risk of heat stress.

#### **Low Risk (Green Zone):**

- Hydrate and wear appropriate clothing
- Ensure pre-exercise hydration by consuming 6 ml of water per kilogram of body weight every 2-3 hours before exercise. For a 70kg individual, this equates to 420ml of fluid every 2-3 hours (a standard sports drink bottle contains 500ml).
- Drink regularly throughout exercise. You should aim to drink enough to offset sweat losses, but it is important to avoid over-drinking because this can also have negative health effects.
- Where possible, select light-weight and breathable clothing with extra ventilation.
- Remove unnecessary clothing/equipment and/or excess clothing layers.
- Reduce the amount of skin that is covered by clothing - this will help increase your sweat evaporation, which will help you dissipate heat\*.

\*NOTE: Sunscreen does NOT impede sweating or affect heat loss from the skin. Sunscreen should be applied regularly, as per instructions, to avoid sunburn.

**Moderate Risk (Yellow Zone):** Follow the Low Risk recommendations. In addition, for scheduled yacht races that coincide with moderate risk periods, the Race Committee may decide to shorten the course/race duration to minimise the exposure of participants.

Note that while hats provide UV protection, they provide minimal protection against the heat.

**High Risk (Orange Zone):** Follow the Low and Moderate Risk recommendations.

In addition, the actions listed here may reduce the incidence of heat stress:

- Drinking cold fluids and/or ice slushies before sailing. Note that cold water and ice slushy ingestion during exercise is less effective for cooling.
- Submersing your arms/feet in cold water.
- Water dousing - wetting your skin with cool water using a sponge or a spray bottle helps increase evaporation, which is the most effective cooling mechanism in the heat.
- Placing an ice pack or damp towel filled with crushed ice around your neck.

**Extreme (Red Zone):** The SMA Policy recommends that all sporting activities should be suspended, and active cooling strategies adopted.

As a recent example, the BBYC race held on Saturday 28<sup>th</sup> Nov 2020 coincided with a recorded temperature of 41°C and RH of 13%. These readings are in the High risk zone for heat stress risk. A number of BBYC crew were impacted during that race.

### **Race Cancellation or Abandonment**

BBYC events will not proceed when the combination of temperature and RH are forecast to reach the Extreme zone on the above chart. Further, the BBYC Race Committee has the discretion to abandon scheduled races when the combination of temperature and RH are forecast to reach the High zone on the above chart.

### **Signs and Management of Heat Stress**

During periods of elevated heat stress risk, ensure all crew members are observed closely for signs of stress. If any crew are affected, it is strongly recommended that the boat turns back to the club immediately. Advise the starter boat by VHF radio and, if the person is fainting or otherwise requires medical assistance, call an ambulance on 000. In the meantime, assess and treat the affected crew as per Table 1 below.

**Table 1. Table courtesy Sports Medicine Australia Extreme Heat Policy**

	Heat Exhaustion/Syncope <sup>1</sup>	Exertional Heat Stroke
Symptoms (what a sufferer might feel)	<ul style="list-style-type: none"><li>• Headache</li><li>• Dizziness</li><li>• Weakness</li><li>• Nausea</li><li>• Vomiting</li></ul>	<ul style="list-style-type: none"><li>• Brain symptoms including:<ul style="list-style-type: none"><li>○ Confusion</li><li>○ Agitation</li></ul></li><li>• Symptoms can develop rapidly</li><li>• EHS is a medical emergency</li></ul>

<b>Signs (how a sufferer is observed)</b>	<ul style="list-style-type: none"> <li>• Fainting</li> <li>• Increased heart rate</li> <li>• Decreased blood pressure [Absence of brain symptoms, and core temperature usually &lt;40°C]</li> </ul>	<ul style="list-style-type: none"> <li>• Brain symptoms including: <ul style="list-style-type: none"> <li>○ Confusion</li> <li>○ Unsteadiness</li> <li>○ Aggressive or irrational behaviour</li> <li>○ Altered level of consciousness, seizures, coma</li> </ul> </li> <li>• Increased Heart rate</li> <li>• Increased breathing rate</li> <li>• Decreased blood pressure</li> <li>• Core temperature usually &gt;40°C.</li> </ul>
<b>Immediate management</b>	<ul style="list-style-type: none"> <li>• Move person to shade and cool (below deck)</li> <li>• Remove protective equipment (eg life jacket, gloves, pads)</li> <li>• Remove as much clothing as possible</li> <li>• Apply lots of water to skin</li> <li>• Oral fluids</li> <li>• Lie on back with legs elevated</li> <li>• Return to land and shade ASAP</li> <li>• Watch for worsening</li> </ul>	<ul style="list-style-type: none"> <li>• ABC (airways, breathing, circulation)</li> <li>• Aggressively cool the body with ice and water</li> <li>• Call ambulance</li> <li>• Continue cooling while transfer to hospital *Cool first, transport second*</li> </ul>

1      *Syncope is defined as a temporary loss of consciousness related to a reduction in perfusion to the brain. See <https://hopeforhearts.com.au/syncope/>*



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SEE INSET

KINGSFORD SMITH AIRPORT

WARNING OVERHEAD AND SURROUNDING CABLES AND PIPES CROSS THESE WATERWAYS AT VARIOUS DEPTHS AND ARE USUALLY INDICATED BY WARNING NETTLES ON THE SURVEY CRUISE SHOULD BE ENCOURAGED AT ALL TIMES WHILE NAVIGATING IN THE VICINITY OF THESE CROSSINGS



**BBYC BM #2**

S33 57 768  
E151 09 694

**BBYC AM #3**

S33 58 576  
E151 11 330

**BBYC QM #5**

S34 00 137  
E151 11 005

**BBYC KM #4**

S34 00 130  
E151 12 128

Botany Bay

193  
229

Note: LG normally exhibit standard flash patterns, unless otherwise indicated

Boat Operator: Four Wheel Drive Park Drivers

NSW



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# CONDITIONS OF SAILING

## 1. Rules

Racing will be governed by the current Part B - Steering and Sailing Rules of The International Regulations for Preventing Collisions at Sea, Australian Sailing Racing Rules of Sailing 2021-24 (RRS) and Australian Sailing Special Regulations (ASSR), the Boating (Safety Equipment) Regulations of NSW and these Conditions of Sailing as amended by the Sailing Instructions (SI).

## 2. Race Committee

The Race Committee of Botany Bay Yacht Club is comprised of the following positions:

- Commodore
- Rear Commodore
- Honorary Race Secretary
- A Starter

## 3. Responsibility

- 3.1 All those taking part in events do so at their own risk.
- 3.2 BBYC, the Race Committee and sponsors are not responsible for the seaworthiness of a yacht whose entry is accepted or for the sufficiency or adequacy of its equipment.
- 3.3 BBYC, the Race Committee and sponsors are not responsible for any damage or injury that occurs, either ashore or afloat, to persons or property which might result from participation in races. It is mandatory that boats have adequate insurance cover.
- 3.4 Attention is drawn to RRS Part 1, Rules 1, 2, 3 and 4.
- 3.5 The attention of Skippers and crews is drawn to ASSR Advisory Appendix D “Man Overboard – Quick Stop and the Life Sling”  
<https://cdn.revolutionise.com.au/site/uoa1gvknbxk0adjq.pdf>.
- 3.6 In the event of a man overboard incident when proceeding to, during or following a race, Competitors **MUST** immediately notify the Committee Vessel (**CV**) by VHF radio (Channel 77 or 16).
- 3.7 Competitors **MUST** immediately notify the **CV** (or the Club when **CV** not used) by VHF radio (Channel 77) in case of their retirement from any race.

#### **4. Definition of Races**

- 4.1 **OCEAN RACE:** Races in which yachts proceed to sea. A boat is deemed to be “at sea” when it is to seaward of the transit line of Cape Solander and Cape Banks.
- 4.2 **BAY RACES:** Races which are conducted totally within Botany Bay using inflatable buoys or fixed, yellow RMS special buoys as marks.
- 4.3 **TRANSIT RACES:** Races which are conducted totally within Botany Bay, Georges River and/or Kogarah Bay.
- 4.4 **SPRINT RACES:** Races which are usually conducted within Botany Bay using short windward-leeward courses using inflatable buoys or fixed, yellow RMS special buoys as marks.
- 4.5 **TWILIGHT/SUNDAY RACES:** Normally non-spinnaker races, which are conducted totally within Botany Bay, Georges River and/or Kogarah Bay using mostly fixed, yellow RMS special marks.

#### **5. Eligibility**

- 5.1 All races are open to single hulled fixed keel or trailable yachts that comply with AS Special Regulations Part 1, as amended by BBYC.
- 5.2 Yachts must be on the register of a recognised yacht club.
- 5.3 The Race Committee shall be the sole arbiter of compliance with eligibility requirements.

#### **6. Racing**

- 6.1 To be eligible to compete in a point score series, a yacht must remain under the same ownership and be entered for the entire series. Change of ownership requires a new entry to be lodged by the new owner for any point score series or race.
- 6.2 All yachts competing in a one-class division or a one-class point score series must abide by the rules and measurements of the Class Association.

## **7. Entry**

- 7.1 Eligible yachts may enter by completing the requisite BBYC race entry form and informing the Race Committee of their intention to race prior to the scheduled start time.
- 7.2 For a yacht to be entered in a point score series, the owner of that yacht must be a current and financial Full Member of BBYC.
- 7.3 Entries must be accompanied by payment of the prescribed race or point score series entry fee. Entries will not be accepted unless accompanied by the requisite entry fee.
- 7.4 Entries must be accompanied by a copy of a current Equipment Audit form applicable to the series or race/s entered.
- 7.5 Entries must be supported by appropriate insurance details.
- 7.6 Casual entries are permissible and are subject to a single race entry fee.
- 7.7 Casual entrants are not point score series entrants.
- 7.8 Pursuant to 7.3, 7.4, and 7.5, any series race completed by a boat where the relevant fee has not been paid prior to that series race will be recorded as 'Did Not Compete' (DNC).

## **8. Equipment Compliance**

- 8.1 All yachts shall comply with AS Special Regulations Part 1. Yacht owners shall have obtained and possess a current Equipment Compliance Form signed by a BBYC accredited Equipment Auditor as appropriate for the category of race.

### **8.2 Event Categories**

8.2.1 AS Category 7 equivalent plus navigation lights, life buoy and sound signal for all races conducted in Kogarah Bay, Botany Bay or Georges River.

8.2.2 AS Category 4 equivalent for all offshore races.

### **8.3 Equipment Compliance Inspections**

8.3.1 Inspections can be arranged by appointment.

8.3.2 The Race Committee reserves the right to conduct additional inspections at any time. Yachts failing to comply with the BBYC Equipment Audit (guided by AS Special Regulations Part 1) may be disqualified.

8.3.3 Owners are expected to make all equipment readily available for inspection and be able to demonstrate equipment use as required by the Equipment Auditor.

8.3.4 Attention is drawn to AS Special Regulations Rule 1.02 “Owners Responsibility”.

#### **8.4 Additional Equipment Compliance Requirements**

8.4.1 A life ring or horseshoe must be carried on deck ready for immediate deployment (RRS 1.2).

8.4.2 A VHF radio capable of monitoring and communicating on channels 16 and 77 must be carried on board.

### **9. Point Scores**

Point scores are calculated on handicap places unless otherwise specified. Point scores series will be conducted for:

#### **9.1 Saturday Bay Races**

A series of races held on Bay courses.

9.1.1 Spring Series (September to November)

9.1.2 Summer Series (December to February)

9.1.3 Autumn Series (March to May)

9.1.4 Championship Series (A combination of the Spring to Autumn series)

9.1.5 Winter Series (June to July)

#### **9.2 Endeavour Championship**

Series for Endeavour class yachts based on yardstick placing in the Championship Series.



### **9.3 Transit Series**

Series of Transit races using fixed, special RMS yellow buoys or orange inflatable buoys.

### **9.4 Sprint Series**

Series of Windward / Leeward races held on course 'W'.

### **9.5 Twilight Series**

Series of races mostly held on Kogarah Bay and Georges River during Daylight Saving on Friday evenings.

### **9.6 Short Course Series**

Series of shorter course races for cruising boats held pursuant to sub-section 9.1, typically with a separate start time to the main racing fleet.

### **9.7 Short Off-Shore Series**

Series of races proceeding to sea as an Ocean Race, starting and finishing in Botany Bay

### **9.8 Short Transit Series**

Series of Transit races conducted on the same day as the above Short Offshore Series

9.9 Other point scores may be conducted at the discretion of the Race Committee and/or Board.

## **10. Schedule**

10.1 Dates of events and races are listed in the Schedule of Events. Other events and races may be conducted at the discretion of the Race Committee and/or Board.

## **11. Scoring**

11.1 The Low Point Scoring System (RRS, Appendix A; clause A4) shall apply, inclusive of these amendments.

11.2 Boats which start and then retire or otherwise are not recorded as finishers, shall be awarded points for the finishing place one more than the number of boats that started the race.

### **11.3 Discards – Any Series**

- 11.3.1 Where four (4) races or less are sailed in a series, all races are to count to the point score.
  - 11.3.2 Where five (5) or six (6) races are sailed in a series, a yacht is permitted to drop one (1) race in that point score.
  - 11.3.3 Where seven (7), eight (8), nine (9) or ten (10) races are sailed in a series, a yacht is permitted to drop two (2) races in that point score.
  - 11.3.4 Where eleven (11) to fourteen (14) races are sailed in a series, a yacht is permitted to drop three (3) races in that point score series.
  - 11.3.5 Where fifteen (15) to twenty (20) races are sailed in a series, a yacht is permitted to drop four (4) races in that point score series.
  - 11.3.6 Where more than twenty (20) races are sailed in a series, a yacht is permitted to drop five (5) races in that point score series.
- 11.4 Boats competing in State, National, World Championships & other recognised interclub events and also entered in a point score series, shall be eligible to receive points for the races missed equal to the boat's average points for that point score series. Average points will be based on all races in the series (including discards) except the race(s) in question.
- 11.5 Any yacht required to supply a starter, a starter's assistant, or an attendee at an Australian Sailing Conference, and is therefore unable to compete in the race, shall be eligible to receive average points for that race as per clause 11.4.

### **12. Sailing Instructions**

- 12.1 Sailing Instructions are detailed in this BBYC Program.
- 12.2 Supplementary Sailing Instructions will be issued for offshore races and may be issued for special events, and will be posted on the Club Notice Board.
- <sup>12.3</sup> Supplementary Sailing Instructions will be issued for all Transit races on the morning of the event and posted on the Club Notice Board.

### **13. Courses**

- 13.1 Courses will be detailed in the Sailing Instructions.

## **14. Alterations to Conditions of Sailing, Program & Sailing Instructions**

- 14.1 The Race Committee reserves the right to alter these Conditions of Sailing, the Program and Sailing Instructions.
- 14.2 These changes will be made available in writing.
- 14.3 Changes will be posted on the Club Notice Board not later than 12:00 (noon) on the day of racing.

## **15. Protests**

- 15.1 Protests are to be lodged in accordance with RRS Part 5.
- 15.2 A lodgement fee will be charged. Any refund of a protest fee shall be at the sole discretion of the Protest Committee.

## **16. Handicaps**

- 16.1 Arbitrary Handicap races will be decided through the application of a Time Correction Factor (TCF) as a multiplier of the yacht's elapsed time. The Race Committee will at its sole discretion determine and adjust a yacht's TCF based on its previous performance.
- 16.2 Any alteration to a yacht affecting its performance (including but not limited to: changes in sail area, ballast, displacement, propeller dimension or configuration, keel or rudder shape or hull shape) must be notified to the RC in writing. Failure to do so may be grounds for disqualification. Owners are encouraged to seek clarification as required from the Rear Commodore or Honorary Race Secretary.
- 16.3 The Race Committee may require a yacht to complete 3 races before allocating a handicap.
- 16.4 A change of ownership or helmsperson of a yacht may result in an adjustment to the TCF for that yacht.

## **17. Trophies**

Trophies shall be presented at the discretion of the Race Committee and/or the BBYC Board.

Herrick  Sailmakers  
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0419 419 373





# 2023-24 SAILING INSTRUCTIONS

## 1. Rules

Racing shall be governed by the current Part B - Steering and Sailing Rules of The International Regulations for Preventing Collisions at Sea, the World Sailing Racing Rules of Sailing 2021-24 (RRS) and AS Special Regulations (ASSR), the Boating (Safety Equipment) Regulations of NSW and the BBYC Conditions of Sailing as amended by these Sailing Instructions (SI) and/or SI issued for specific races or events.

## 2. Responsibility

- 2.1 All those taking part do so at their own risk. Competitor's attention is drawn to the Risk Warning published as part of this Document.
- 2.2 Attention is drawn to Rules 1, 2, 3 and 4 in RRS Part 1 and ASSR 1.02.

## 3. Flags, Pennants and Burgees

- 3.1 Flags and pennants are those of the International Code of Signals.
- 3.2 The Race Committee burgee is the BBYC burgee.

## 4. Schedule of Races

- 4.1 Races are scheduled as per the Schedule of Events published as part of this Document.

## 5. Ranking as a Starter

- 5.1 Yachts shall report to the starter, or sign on in the Clubhouse for Twilight and Pursuit (handicap start) races starting in Kogarah Bay, prior to the first race of the day and provide the yacht's Sail Number and the number of persons on board.
- 5.2 A yacht shall receive acknowledgement of her report from the starter.
- 5.3 Yachts shall fly the BBYC Burgee.
- 5.4 Yachts that arrive in the starting area more than 10 minutes after the start signal for their class or division may result in the boat not being ranked as a starter.

5.5 Yachts participating in Twilight and Pursuit races must, from before their starting signal until after they finish, activate RaceQs on an onboard smartphone.

## **6. One Boat Constitutes a Race**

6.1 Should one (1) boat in any class or division appear at the start then that boat shall be entitled to sail the course.

## **7. Crew Limitations**

7.1 The minimum number of crew for any Twilight or Bay race will be **two (2)**. They may be an adult and a junior with a minimum age of **fourteen (14) years** and appropriate sailing experience.

7.2 The minimum number of crew for any Ocean race will be **three (3)** with a minimum age of **eighteen (18) years**.

## **8. Racing Area**

8.1 **All courses are subject to Waterside Restricted zones at Maritime Security Level 1, which will vary at increased security levels. Each of these zones is a Continuous Obstruction.**

8.1.1 All vessels are prohibited within **80 metres** of the runways of Sydney Airport and the area between them as designated by special yellow buoys.

8.1.2 The water between Port Botany and Molineaux Point, enclosing all of the Brotherson Dock area, is a **prohibited** sailing area.

8.1.3 The water around the Tanker Mooring buoys and the Refinery Jetty at Kurnell is a **prohibited** sailing area.

8.2 No racing is allowed inside the **outer line** of moored boats within Kogarah Bay.

8.3 For courses published in this document that require a transit or partial transit of the Georges River:

8.3.1 Yachts must use the river main channel (as indicated by Transport NSW channel marks) for that section of the course.

8.3.2 If the course enters or exits the river, yachts must pass between Inner Towra Pile (**ITP**) starboard mark and Outer Towra Pile (**OTP**)

port mark when entering or exiting the river. They shall leave **OTP** to starboard when leaving and to port when entering the channel.

8.3.3 If Captain Cook Bridge forms part of the course, yachts must pass through one of the three central spans of the bridge.

8.3.4 If the course involves Kogarah Bay, yachts must enter and exit the bay between the starboard mark at St George Motor Boat Club and the yellow RMS Special Mark at the entrance to Kogarah Bay.

8.4 For all courses starting and finishing in Botany Bay (Bay Races), both **OTP** and **ITP** are to be passed on their correct side.

## 9. Sailing to and from the Race Area

9.1 Please show courtesy to any fleets racing in the Georges River and **do not** sail across their start or finish lines.

9.2 Avoid crossing the fixed finish line between the St. George Sailing Club and a buoy across the un-marked inner channel (along the Sans Souci shoreline).

## 10. Courses

### 10.1 Marks (see map centre pages)

#### 10.1.1 Kogarah Bay

**CW** BBYC inflatable mark placed directly west of BBYC club.

**TP** Taren Point Mark (Yellow RMS mark ~ 200m W of Capt. Cook Bridge)

**TUM** Tom Uglys Mark (Yellow RMS buoy ~ 300m East of Tom Uglys Bridge)

#### 10.1.2 Woolooware Bay

**WBP** Woolooware Bay Police blue mark (entrance to Woolooware Bay). Where more than one blue Police mark is present, yachts must round the largest of those marks.

#### 10.1.3 Botany Bay

**CV** Committee Vessel

**S** A mark near the Committee Vessel (CV) forming a start line. This may be a BBYC orange or yellow inflatable mark or a fixed yellow mark.



## Mark Descriptions

- 1 A fixed yellow RMS Yacht Rounding Mark (YRM) laid off southern Lady Robinson Beach near Ramsgate.
- 2 A fixed yellow RMS YRM laid off northern Lady Robinson Beach near Brighton.
- 3 A fixed yellow RMS YRM laid off the Airport runways.
- 4 A fixed yellow RMS YRM laid off Silver Beach, Kurnell.
- 5 A fixed yellow RMS YRM laid near the entrance to Quibray Bay.
- 6 A yellow or orange inflatable mark laid where required.
- 7 A yellow or orange inflatable mark laid where required.



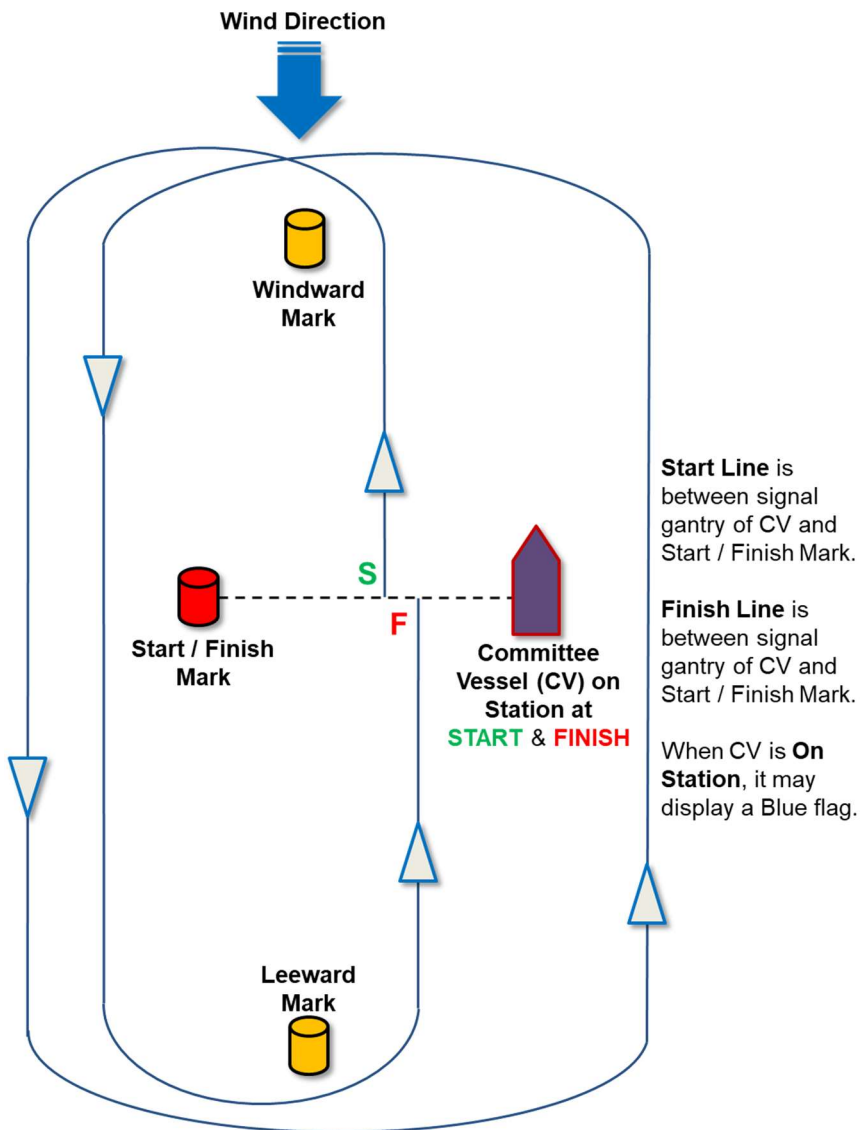
## 10.2 Botany Bay Courses

10.2.1 The following Diagrams show the course configurations for Windward / Leeward and Olympic triangle courses. The approximate length of the windward legs will be between 1 and 1.8 nautical miles. **Port-hand courses** are depicted here, with **starboard hand courses** (except the start and finish lines) being mirror reversed. The CV will usually remain at the starboard end of the line regardless of rounding direction.

## Course W – Windward/Leeward

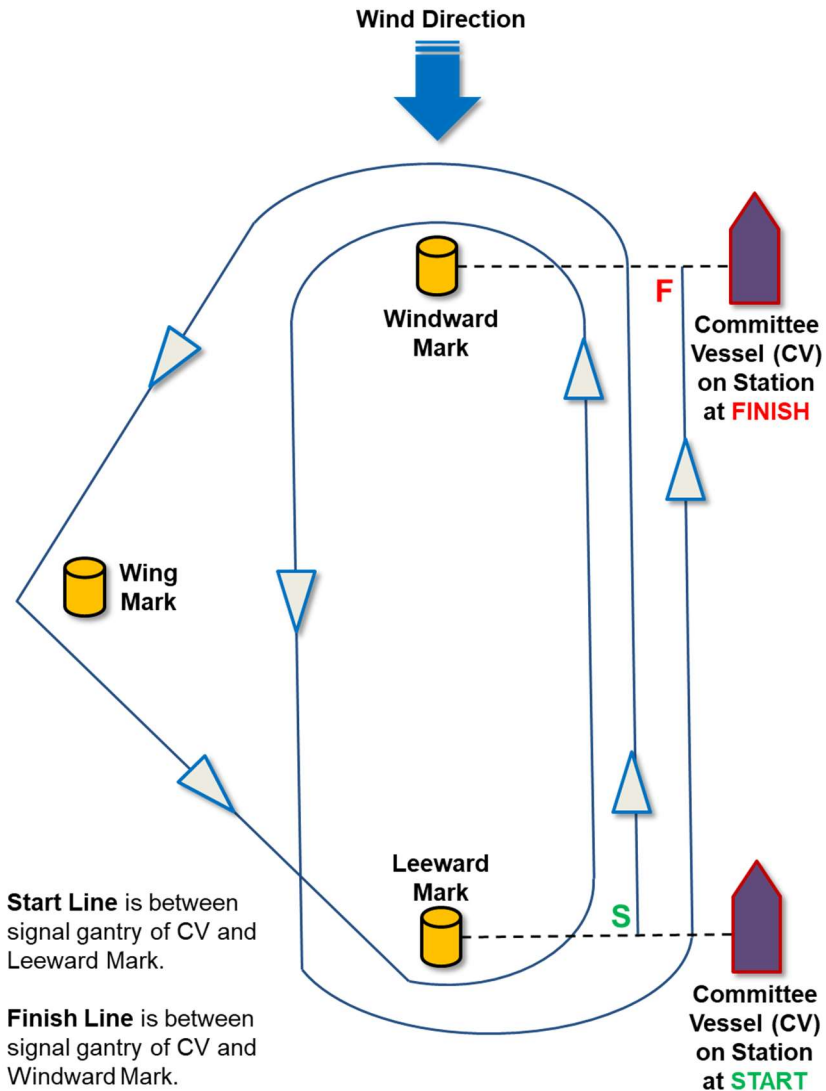
Start - Windward - Leeward - Windward - Leeward - Finish

**Note:** Yachts may leave the Start / Finish line to **port** or **starboard**, so as **NOT TO PASS** through the gate created between the Start / Finish Mark and the Committee Vessel (CV) on any leg of the course, except for the start and finish legs.



## Course O – Olympic

Start - Windward - Wing - Leeward - Windward - Leeward - Finish



When CV is **On Station**, it may display a Blue flag.

10.2.2 The course to be sailed will be designated by displaying Code Flag “O” or “W” over a Red or Green flag. Where a Red flag is displayed, all marks shall be left to port. Where a Green flag is displayed, all marks shall be left to starboard.

10.2.3 The Windward mark may be substituted with a RMS Yellow fixed mark and this substitution will be notified from the Committee vessel.

### 10.3 Kogarah Bay Courses

The course to be sailed shall be signalled with a Code Flag from the mast of the CV signal gantry or the BBYC Club Mast.

In the list below, (p) = port rounding and (s) = starboard rounding.

**Course F:** Start – WPB (s) – TUM (s) – CW (s) – TP (s) Finish

**Course G:** Start – WPB (s) – TUM (s) – Finish

**Course H:** Start – 1 (Ramsgate) (s) – Finish

**Course J:** Start – TUM (p) – TP (p) – TUM (p) – TP (p) – Finish

**Course K:** Start – TP (s) – TUM (s) – TP (s) – TUM (s) – Finish

**Course R:** Start – 1 (Ramsgate) (s) – WBP (s) – TUM (s) – Finish

**Course T:\*** Start – TP – TUM – CW – TP – TUM – Finish (all starboard) [2 laps]

**Course U:\*** Start – TUM – TP – CW – TUM – TP – Finish (all port) [2 laps]

\* If Pennant 1 is displayed below Course flag T or U - one (1) lap only.

\* If Pennant 3 is displayed below Course flag T or U - three (3) laps.

### 10.4 Transit Courses

Courses for Transit races will be posted on the Club Notice Board on race day.

### 10.5 Ocean Races

Courses for Ocean races will be posted on the Club Notice Board on race day.

### 10.6 Starting Line

The starting line for Committee Vessel starts shall be between the aft side of the signal gantry and a laid orange or yellow inflatable buoy or yellow RMS Yacht Mark. The starting line for Kogarah Bay starts will be between the Committee Vessel or BBYC club flagpole and CW. See 12.3 for Alternate Starting Methods.

## 10.7 Finish Line

- 10.7.1 The finishing line for Committee Vessel finishes on Botany Bay will be between CV and a laid orange or yellow inflatable buoy or yellow RMS Yacht Mark.
- 10.7.2 The finishing line on Kogarah Bay will be between CV and CW. If the Committee Vessel is not used, the finishing line will be between:
- i. the BBYC mast and CW or, if CW is not laid
  - ii. the NE corner of Kogarah Bay Sailing Club and the BBYC mast.
- 10.7.3 The finishing line for Ocean Races will be between the Outer Towra red and green channel piles.

## 11. Alternate Start and Finish Lines and Courses

- 11.1.1 The Race Committee may, at its discretion, decide to use alternate courses, starting and/or finish lines.
- 11.1.2 Details of these courses, start and/or finish lines will be displayed on the Club notice board at least **one hour** prior to the scheduled start time.

## 11.2 Finish Times and Declarations

- 11.2.1 In all races where the finish line is not manned, including for all Twilight, Transit, Ocean and Night Races, a yacht's finish time (actual time, hh:mm:ss) must be declared to the Honorary Race Secretary or Fleet Captain in writing or by SMS/SIGNAL group app.
- 11.2.2 The smartphone app RaceQs must be activated, from before the start until after finishing, on all yachts competing in races where the finish line is not manned.
- 11.2.3 Time declarations must be lodged with the Honorary Race Secretary or Fleet Captain within two hours of the yacht's finish time.
- 11.2.4 The Honorary Race Secretary or Fleet Captain reserves the right to use Race Qs to determine the yacht's finish time.
- 11.2.5 A Declaration must also be lodged in any of the following circumstances:
- i. After rendering assistance;
  - ii. Any use of the motor;
  - iii. Temporary discontinuance from racing; or
  - iv. Not sailing the course due to a mark being missed or unsighted.

Use of the motor by a yacht that runs aground during a race is permitted, provided that the boat does not gain a significant advantage as a result.

## **12. Race Starts**

### **12.1 Starting Sequence**

- 12.1.1 Twilight race starts will use the countdown function of the electronic display board. The race will start when the display shows 00.
- 12.1.2 Races will be started in accordance with RRS 26.
- 12.1.3 Warning Signal—All races, all Yachts —“Orange” Flag
- 12.1.4 A sound signal may be made to accompany the raising or lowering of a flag.
- 12.1.5 Yachts whose warning signal has not been made shall keep clear of the start line.
- 12.1.6 Yachts may be designated as DNS if they arrive at the starting area later than 10 minutes after their actual start time.

### **12.2 Scheduled Start Times**

- 12.2.1 Unless otherwise specified:  
All Spring, Summer and Autumn Series races are scheduled to start at the times specified in the Schedule of Events.
- 12.2.2 All Winter Series races are scheduled to start at 13:00.
- 12.2.3 Unless otherwise specified, Twilight races will commence at 18:00.
- 12.2.4 Transit races limited to Kogarah and Botany Bays will be scheduled for Handicap starts with limit boat/s starting at 13:00.
- 12.2.5 Ocean races will commence at times posted in their Sailing Instructions.

### **12.3 Alternate Starting Methods**

#### **12.3.1 Time Allowed at Start (Pursuit; Handicap Start)**

- a) Where time is allowed at start, a preparatory signal may be made and flag “P” displayed four (4) minutes before the call of limit boat(s).

The preparatory signal will be a board or numbered disc corresponding to the allotted number for each yacht or group of yachts.

Such preparatory signal will be displayed one (1) minute before the allocated starting time. Removal of flag “P” is the starting signal for the limit boats and subsequent removal of the allocated number for a yacht or group of yachts will be the starting signal for that yacht or group.

b) Alternatively, an electronic display board may be used to count up (in minutes) to a yacht’s starting time. Display of a yacht’s allocated starting time (displayed as minutes after the race start) will be the starting signal for that yacht or group of yachts.

### 12.3.2 Gate Start

A notice will be posted on the club notice board to the effect that a “Gate Start” will be used. Such notice will nominate a particular yacht as the ‘Pathfinder’. A Starting Mark may or may not be used.

Start signals will be displayed on the stern of the Pathfinder and notice may be drawn by a sound signal or VHF radio announcement (Ch 77).

<b>Preparatory Signal</b>	Code flag ‘P’	4 minutes before start
<b>Start Signal</b>	White Flag	Start

Only one flag will be displayed at a time.

Raising of the White Flag is the Start signal.

At the Start signal, the Pathfinder will be racing, hard on a wind on **port tack**. All yachts will then start through the gate which will open behind the stern of the Pathfinder. A competing yacht may not cross the stern of the Pathfinder to commence racing before the Start signal has been made.

The Pathfinder will proceed for at least 100 metres displaying the White Flag, after which time the Pathfinder will drop the flag and assume a proper course to the first mark.

At this point, any yachts that have not yet crossed the stern of the Pathfinder must start to leeward and astern of the Pathfinder.

### 13. Penalty\_System

- 13.1 A boat may take a ONE (1) turn penalty when she may have broken one or more rules of RRS Part 2 (“When boats meet”) in an incident while racing. This changes RRS 44.

### 14. Recalls

- 14.1 Individual recalls shall be in accordance with RRS 29.1. As an aid to competitors, the Race Committee may attempt to hail the recalled yacht(s) by sail number or boat name verbally or by VHF radio (Channel 77).

#### 14.2 **General recalls shall be in accordance with RRS 29.2**

The start of the subsequent division(s) will follow the start of the recalled division by 5 minutes. In the event of a general recall, the order in which divisions will start will not be altered.

### 15. Postponement and Abandonment

- 15.1 Postponement and abandonment shall be signalled in accordance with RRS 32.
- 15.2 The Race Committee will abandon a race if a Gale Warning is current within 2 hours of the scheduled starting time of a race (refer to the BBYC Weather Warning Safe Sailing Policy, page 23).
- 15.3 The Race Committee or Race Officer may abandon a race at other times **at their discretion.**

### 16. Time Limit

#### 16.1 Ocean Races

There is no time limit for Ocean races.

#### 16.2 Twilight Races

Boats failing to finish within 15 minutes after sunset will be scored DNF. If more than one half of the fleet is initially scored DNF and the full course has been sailed, then the race will be considered to have been shortened at the first rounding of CW.



### 16.3 All Bay and Sprint Series Races

No race shall count unless the course is completed by the first yacht **within 2 hours** of its starting signal. Yachts failing to finish **within 45 minutes** after the first yacht sails the course and finishes shall be scored Did Not Finish. This changes RRS 35, A4 and A5.

### 16.4 All Transit Series Races (does not apply to Ocean Races)

No race shall count unless the course is completed by the first yacht **within 3 hours** of its starting signal. Yachts failing to finish **within 45 minutes** after the first yacht sails the course and finishes shall be scored Did Not Finish. This changes RRS 35, A4 and A5.

## 17. Change of Course

17.1 Changes to the course will be made in accordance with RRS 33.

## 18. Shortening a Course

18.1 The Race Committee may shorten the course at any rounding mark in accordance with RRS 32. The Race Officer has similar discretion where races are already in progress. This changes RRS 32.

## 19. Protests

19.1 Protests are to be lodged in accordance with RRS Part 5.

19.2 Protest forms are available from the clubhouse or a copy may be downloaded from the BBYC website.

19.3 A lodgement fee will be charged. A Fee may be fully refundable at the sole discretion of the Protest Committee.

## 20. Radio Communication

20.1 The Committee Vessel will monitor VHF Channels 16 and 77.

20.2 The Committee Vessel will endeavour to communicate any significant and relevant information, and changes relative to racing, on VHF Channel 77.



- All marine cordage and splicing
- Swaging and terminating of wires
- Genoa furling systems & installation
- Deck Hardware layout & installation
- Mast tuning, re-rigging & refurbishment
- Mast, boom & spinnaker poles including fit outs
- Lazy jack systems
- Winch servicing & installation
- Domestic & commercial rigging including balustrades
- Architectural rigging solutions
- Rope & wire replacement on trailer/davit winches etc

We are not limited to the above and encourage all ideas & relish the opportunity to provide practical streamlined solutions.

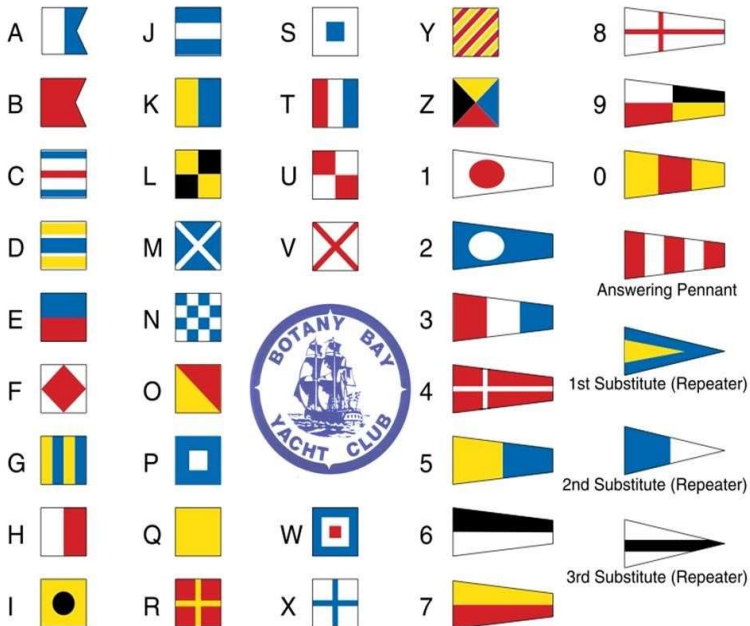
M: 0415 231 791

E: [info@infinityrigging.com.au](mailto:info@infinityrigging.com.au)

W: [www.infinityrigging.com.au](http://www.infinityrigging.com.au)

# INTERNATIONAL SAILING FLAGS AND PENNANTS

## IMPORTANT RACE COMMITTEE FLAGS




## COMMON RACE SIGNALS

	The Class Flag (numeral or letter flag) is the Warning Signal: raised 5 min. before start and lowered at the start.		Postponement: Lowered one minute before new warning signal.		Rule 30.1 is in effect at the start (Around the Ends Rule). See 30.1 for details.
	P flag is the Preparatory Signal: Raised 4 minutes before start & lowered 1 minute before start.		Change of Course: Position of next mark has been changed.		Any boat over the line within a minute of the start receives a 20% scoring penalty. See 30.2.
	Class flag stays up from the warning signal to the starting signal. At the start, the Class Flag is dropped. The warning signal for succeeding classes shall be made with or after the starting signal. Read regatta's Sailing Instructions. See Rule 26 for more information.		Shortened Course: Finish between this boat and nearest mark.		Any boat over the starting line within a of minute the start is disqualified. See Rule 30.3.
	X Flag: Indicates one or more boats started early. Flag is lowered once all boats have started correctly.		Boat or object with this flag replaces a missing mark.		Race abandoned; return to starting area.
	General Recall. Flag lowered one minute before new prep.		Ashore: Indicates that a notice to competitors has been posted. Afloat: Come within hail or follow me.		Flags N over A: All races for the day are abandoned. Go home.
	All competitors are required to wear personal buoyancy.				

[www.bbyc.com.au](http://www.bbyc.com.au)

Flag / Shape	Name	Sound	Meaning
	X	1 when raised	<b>Individual Recall</b>
	First Substitute	2 as raised 1 as lowered	<b>General Recall</b>
	AP	2 as raised 1 as lowered	<b>Postponement</b>
	I	0 as raised; 1 as lowered	<b>Round the Ends Starting Rule</b>
	C	Repetitive	<b>Course Change</b>
	L	1 when raised	<b>Come Within Hail or Follow Me</b>
	M	Repetitive	<b>Mark Missing</b>
	Y	1 as raised	<b>Wear Life Jacket</b>
	Z	1 as lowered	<b>20% Scoring Penalty</b>
	Black	1 as lowered	<b>Hard Start Disqualification</b>

Flag / Shape	Name	Sound	Meaning
	N	3 as raised 1 as lowered	Abandonment
	S	2 as raised	Shortened Course
	N over H	2 as raised 1 as lowered	Abandonment Further Signals Ashore
	N over A	3 as raised	Abandonment No More Races Today
BBYC Race Start Sequence			
<b>Class Flag Raised</b>	Warning	1	5 Minutes to Start
   	Prep Flag (P) raised Or (I) Rule 30.1 Or (Z) Rule 30.2 Or Rule 30.3	1	4 Minutes to Start
	Prep (or I or Z or Black) Flag lowered	1	1 Minute to Start
<b>Class Flag Lowered</b>	Start	1	Start

## SCHEDULE OF CLUB SAILING EVENTS

Date	Day	Start Time	Bay Series	Sprint Series	Transit Series	Twilight Series
<b>September 2023</b>						
02-Sep-23	Sat	13:00	1	Spring Bay Series Starts		
09-Sep-23	Sat	13:00	2			
16-Sep-23	Sat	13:00	3			
23-Sep-23	Sat	13:00	Transit Series Starts		1	
24-Sep-23		Sun	10:00	Cruising Event TBA		
30-Sep-23	Sat	No Race	Labour Day Long Weekend			
<b>October 2023 (Note: some start times change)</b>						
06-Oct-23	Fri	18:00	Spring Twilight Series Starts			1
07-Oct-23	Sat	13:30	4			
13-Oct-23	Fri	18:00				2
14-Oct-23	Sat	13:30		1 & 2	Sprint Series Starts	
20-Oct-23	Fri	18:00				3
21-Oct-23	Sat	13:00			2	
27-Oct-23	Fri	18:00				4
28-Oct-23	Sat	13:30	5	Commodore's Cup		
29-Oct-23		Sun	10:00	Cruising Event TBA		
29-Oct-23		Sun	12:00	BBYC Presentation Day		
<b>November 2023</b>						
03-Nov-23	Fri	18:00				5
04-Nov-23	Sat	13:30	6			
10-Nov-23	Fri	18:00				6
11-Nov-23	Sat	13:30	7			
17-Nov-23	Fri	18:00				7
18-Nov-23	Sat	13:00			3	
24-Nov-23	Fri	18:00				8
25-Nov-23	Sat	13:30	8	Spring Bay Series Ends		
26-Nov-23		Sun	10:00	Cruising Event TBA		

Date	Day	Start Time	Bay Series	Sprint Series	Transit Series	Twilight Series
<b>December 2023</b>						
01-Dec-23	Fri	18:00				9
02-Dec-23	Sat	13:30	1	Summer Bay Series Starts		
08-Dec-23	Fri	18:00				10
09-Dec-23	Sat	13:30	2			
15-Dec-23	Fri	18:00				11
16-Dec-23	Sat	13:30	3			
22-Dec-23	Fri	18:00	Spring Twilight Series Ends			12
23-Dec-23	Sat	13:30		3 & 4		
<b>Christmas/New Year Break</b>						
31-Dec-23		16:00	NYE BB Fireworks Overnight Cruise			
<b>January 2024</b>						
12-Jan-24	Fri	18:00	New Year Twilight Series Starts			1
13-Jan-24	Sat	13:30	4			
19-Jan-24	Fri	18:00				2
20-Jan-24	Sat	13:00			4	
26-Jan-24	Fri	12:00	188th Australia Day Regatta			
27-Jan-24	Sat	13:30	5			
<b>February 2024</b>						
02-Feb-24	Fri	18:00				3
03-Feb-24	Sat	13:30	6	David Holloway Trophy		
09-Feb-24	Fri	18:00				4
10-Feb-24	Sat	13:30	7			
16-Feb-24	Fri	18:00				5
17-Feb-24	Sat	13:00			5	
23-Feb-24	Fri	18:00				6
24-Feb-24	Sat	13:30	8	Summer Bay Series Ends		
25-Feb-24	Sun	10:00	Cruising Event TBA			

Date	Day	Start Time	Bay Series	Sprint Series	Transit Series	Twilight Series
<b>March 2024</b>						
01-Mar-24	Fri	18:00				7
02-Mar-24	Sat	13:00			6	
08-Mar-24	Fri	18:00				8
09-Mar-24	Sat	13:30	1	Autumn Bay Series Starts		
15-Mar-24	Fri	18:00				9
16-Mar-24	Sat	13:30	2			
22-Mar-24	Fri	18:00				10
23-Mar-24	Sat	13:30	3			
29-Mar-24	Fri	No Race	Easter Weekend			
30-Mar-24	Sat	No Race	Easter Weekend			
<b>April 2024 (Note: some start times change)</b>						
05-Apr-24	Fri	18:00	NY Twilight Series Ends			11
06-Apr-24	Sat	13:30	4	Tony Brauer Trophy		
13-Apr-24	Sat	13:00			7	
20-Apr-24	Sat	13:00	5			
27-Apr-24	Sat	13:00		5 & 6	Sprint Series Ends	
28-Apr-24	Sun	10:00	Cruising Event TBA			
<b>May 2024</b>						
04-May-24	Sat	13:00	Transit Series Ends		8	
11-May-24	Sat	13:00	6			
18-May-24	Sat	13:00	7			
25-May-24	Sat	13:00	8	Autumn Bay Series Ends		
26-May-24	Sun	10:00	Cruising Event TBA			
<b>June 2024</b>						
01-Jun-24	Sat	13:00	1	Winter Bay Series Starts		
08-Jun-24	Sat	No Race	King's Birthday Long Weekend			
15-Jun-24	Sat	13:00	2			
22-Jun-24	Sat	13:00	3			
29-Jun-24	Sat	13:00	4			
30-Jun-24	Sun	10:00	Cruising Event TBA			
<b>July 2024</b>						
06-Jul-24	Sat	13:00	5			
13-Jul-24	Sat	13:00	6			
20-Jul-24	Sat	13:00	7			
27-Jul-24	Sat	13:00	8	Winter Bay Series Ends		
28-Jul-24	Sun	10:00	Cruising Event TBA			





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