
Kurnell Catamaran Club Incorporated

Operational Plan



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Document Owner: KCC Race Secretary and KCC Webmaster on
behalf of KCC Inc. Executive Committee

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www.kcc.asn.au

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1 Preface

This document details safety guidelines, support craft, qualified personnel and communications under which Kurnell Catamaran Club Incorporated operates as part of the Club's NSW Aquatic Licence. This version supersedes all previous versions.

2 Type of Activity

Sail Boat Racing and associated activities on dates as laid down in the KCC Race Calendar and Sailing Instructions (Refer to the KCC website for a copy of the current race calendar and sailing instructions)

3 Physical Address

Kurnell Catamaran Club Incorporated,
Corner Prince Charles Parade & Ward Street,
(304 Prince Charles Parade)
Kurnell, Sydney. NSW. Australia. 2231

ABN: 96 662 340 793

4 Postal Address

Kurnell Catamaran Club Incorporated,
PO Box 255,
Caringbah NSW Australia 1495

5 Phone Contact

0481 487 955 on sailing, function and regatta dates.

Refer to the KCC Race Calendar on the KCC website for details.

6 Website



www.kcc.asn.au

7 E-mail

All email contact is via one of the following addresses: -

President	president@kcc.asn.au
Race Secretary	racesecretary@kcc.asn.au
Secretary	secretary@kcc.asn.au
Junior President	junior@kcc.asn.au
Treasurer	treas@kcc.asn.au
Vice President	vp@kcc.asn.au
Webmaster	webmaster@kcc.asn.au

8 Organisational Chart

Refer to the KCC website www.kcc.asn.au.

The Committee is listed on the *Committee* page of the website.

9 Area Sailed

Botany Bay, NSW, Australia.

Refer Appendix A

10 Insurance

Each participating boat shall be insured. The minimum requirement is third-party personal insurance and third-party property insurance that is valid for racing. Liability cover shall be for at least \$10,000,000 AUD (Ten million Australian Dollars) unless detailed otherwise in the relevant Sailing Instructions. Entering the boat on the sign-on sheet indicates that the Skipper has acknowledged that the boat is insured as per this requirement

KCC Inc as per legislative requirements also holds public liability insurance.

11 Race Committee Vessel and Official Boats

KCC1 - Webster's 5.2 metre aluminium boat with 90hp outboard, fitted with all standard NSW Waterways required safety equipment as well as 27MHz Marine radio and VHF radio, towing ropes and sailing flags/hooter. Call sign is "Kurnell 1".

KCC2¹ - Zodiac with outboard and depending upon event handheld VHF radio. Call sign is "Kurnell 2".

KCC3 – Zodiac with outboard and depending upon event handheld VHF radio. Call sign is "Kurnell 3".

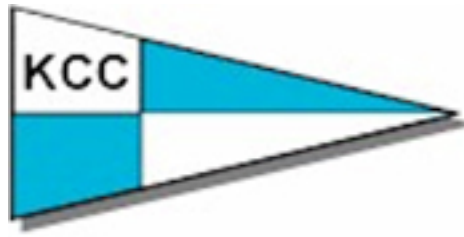
KCC4 – Zodiac with outboard and depending upon event handheld VHF radio. Call sign is "Kurnell 4".

Other boats are also utilised during special events.

The Clubhouse uses a Call sign of "Kurnell Club"

Official boats (also called Support Boats and Race Committee Vessel in this document) will be marked with "Kurnell Catamaran Club", "KCC" or the club burgee (shown below)

¹ KCC2, 3 and 4 are usually only launched in emergency or when more than 30 boats are on the water and/or to support Junior monohull sailing.



12 Safety Guidelines

12.1 Sailing Instructions (extracts)

KCC has Sailing Instructions relevant to all events, the latest version of which can be obtained from the KCC Race Secretary or the KCC website.

Safety guidelines extracted from these include: -

- All races, series and regattas will be governed by the rules as defined in the Racing Rules of Sailing (RRS), the regulations of Sailing Australia, and the appropriate class rules and restrictions, all as modified by the Sailing Instructions (SI) their appendices and attachments.
- The Race Committee consists of the Race Secretary and Assistant Race Secretary backed by the Executive Committee of the KCC.
- The Race Officials on a sailing day consist of the Race Secretary, Assistant Race Secretary, Officer of the Day, Timekeeper, Race Committee Vessel Boat Captain and other Official Boat Captain(s).
- For the Cruising Division, the Cruising Division Representative from the KCC General Committee also forms part of the Race Committee and Race Officials.

Sign-On

For each race or session (where a session is multiple races back to back) a crew member from each boat intending to race, shall personally sign-on prior to the race by signing the race sign-on sheet in the clubhouse.

Persons signing on must be at least 18 years of age or if no-one on the boat is 18 years of age, they must have a parent or guardian sign-on.

For the Cruising Division: It should be noted that communications via 27 MHz Channel 94 or VHF Channel 77 radio may also be used. When they are, the message shall be broadcast and acknowledgement sought to confirm receipt from each boat.

Personal flotation devices:

All competitors shall wear whilst racing, personal flotation devices which are in good condition and in accordance with the specifications issued or approved by a National authority affiliated to the International Sailing Federation, or a standards organization, or certification authority, recognized for the purpose by its respective government. Race Signal "Y" shall not be flown and no sound signal made, but is assumed to be in effect at all times when on the water. (This does not apply for the Cruising Division but is recommended)

All competing boats are required to be fitted with righting ropes. It is recommended that boats have towing rings, bridles and that the phone number of KCC is written on the boat. (This does not apply for the Cruising Division)

All boats must conform to the SAILING AUSTRALIA SPECIAL REGULATIONS PART 2 FOR OFF THE BEACH BOATS. (This does not apply for the Cruising Division)

12.2 Additional Safety Guidelines

Additionally, the standard instructions under which Club Members, Race Committee Vessel Captain, Officer of the Day, Race Secretary and other officials are to conduct the Club's race days are: -

Decision to Race

On each race day prior to completion of the briefing, the responsible Race Official(s), as per the Sailing Instructions, shall determine whether to race, based upon current and predicted weather conditions.

If racing is approved, the responsibility for its continuance shall lie with the Race Committee Vessel Captain from the completion of the Race Briefing, until the race completion, unless racing is being actively monitored ashore by the Race Secretary or assistant Race Secretary. In this event, the Race Secretary or Assistant race Secretary bears primary responsibility for continuance or otherwise of racing. He or she should liaise with and consider advice from the Race Committee Vessel Captain in this respect.

The Officer of the Day at KCC does not sail because of duties ashore. He or she may be called upon to assist the Support Boat via the radio in locating boats and if necessary, call the Coast Guard or Police for assistance.

Abandonment

In the event of abandonment on the water a foul weather system of informing competitors shall be used as follows:

- The Support Boat shall raise the Code Flags 'N' over 'H' (Abandonment Signal) with three (3) sound signals.
- Circle the fleet and advise as many boats as possible, if not involved in rendering assistance to boats or sailors.
- The siren at the Club shall be sounded three (3) times on advice from the Race Committee Vessel Captain and/or, as above, the Race Secretary, and the abandonment signal (refer above) displayed if available.

Along with the above signals KCC may, at its discretion, elect to illuminate the large floodlight(s) and keep them ON until all competitors have returned to the beach safely. When the floodlights on the Clubhouse are turned on, it signifies "**race abandoned**" and all boats are to return to the beach. The floodlight signals are discretionary by Race Officials and are in addition to and do not detract from any normal race abandonment signals.

Wind Limit

All racing must cease (if on the water) or alternatively the start delayed (if ashore) when the average "official" (refer below) wind strength is determined as exceeding 22.5 knots. The responsible Race Official must also

consider the strength and/or frequency of wind gusts above this figure and the prevailing direction of the wind in reaching a decision to cease racing, abandon a race or delay a race.

Bureau of Meteorology “official” wind strengths are measured 9 metres above sea level and “on the water” recordings by hand held gauges (approx 2 metres above sea level) must be increased by approximately 16%, as calculated by the following formula. However, for ease of calculation purposes, “on the water” recordings can be increased by 1/6th to determine the “official” wind strength. Therefore, an 18 knot reading at 2 metres above sea level corresponds to an “official” (9 metres above sea level) reading of 21 knots. Similarly, 20 knots would correspond to over 23 knots, above KCC’s operational wind limit for racing.

$$V_2 = V_1 * (H_2/H_1)^n$$

Where ‘n’ = 0.10 (ocean/water) - http://www.aerostarwind.com/adjusting_wind_speeds.html

Prior to the conclusion of the Race Briefing, or 20 minutes before the scheduled Division 1 start time, whichever is the later, the responsible Race Official is the Race Secretary or in his/her absence the Assistant Race Secretary. If neither is present, by unanimous decision of the “Officer of the Day” in consultation with the most senior member of the KCC Executive present. Racing is not permitted (independent of any weather considerations) unless at least one member of the KCC Executive is present, who may elect to race.

At all other times, the responsible Race Official is the Boat Captain of the Race Committee Vessel, unless the Race Secretary or Assistant Race Secretary is actively monitoring racing ashore.

Notwithstanding the above, all entrants are reminded of RRS rule 3 (Decision to Race). However, regarding the decision to abandon a race or not, the responsible Race Official(s) must consider the safety of all entrants as an absolute priority.

12.3 Lightning Policy

It is impossible to lay down hard and fast rules as to the movement of lightning in and around Botany Bay. The following guidelines are intended to assist Race Officials and Support Boat personnel in carrying out their duties.

- All Race Officials and Support Boat personnel should keep constant watch for lightning in and around the race area and be aware of Bureau of Meteorology forecasts in this respect. All personnel should be aware that storm cells could travel very quickly towards the race area with potentially fatal results.
- If either the Race Committee Vessel Captain and/or the Race Secretary/Assistant Race Secretary (whilst actively monitoring racing ashore) form the opinion that there is a danger to race competitors, then the race must be abandoned.

Notwithstanding the above, all entrants are reminded of RRS rule 3 (Decision to Race). However, regarding the decision to abandon a race or not, the responsible Race Official(s) must consider the safety of all entrants as an absolute priority.

13 Qualified Personnel

All Race Committee Vessel Captains are required to hold NSW Boat Licenses

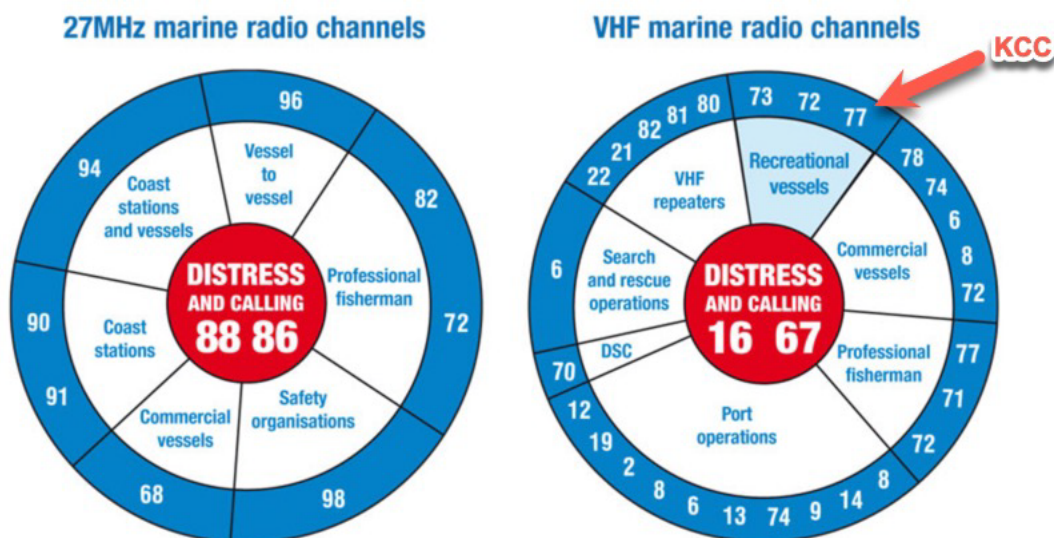
KCC1 is always manned with a minimum of 2 people on board during racing.

Kurnell Catamaran Club Clubhouse has an observer (either Officer of the Day, Timekeeper or their delegate) manning the VHF radio from 10 minutes prior to the first race commencement until the time of the final competing sailor returning to shore. The 27MHz radio is not generally used during club racing. The persons manning the radios must be at least 18 years of age.

14 Communications

KCC marine radio communications: -

Call Sign	User
Kurnell Club	KCC Clubhouse Radio (Officer of the Day) during racing
Kurnell 1	KCC Primary Support Vessel on the water during racing
Kurnell 2	2nd KCC Support Vessel (when utilised)
Kurnell 3	3rd KCC Support Vessel (when utilised)
Kurnell 4	4th KCC Support Vessel (when utilised)



KCC prefers VHF radio Channel 77 when marine radio is used and monitored during KCC racing.

The KCC Clubhouse has a 27MHz UHF radio (Channel 94) but this is not usually in use or manned.

Further information re marine radio in NSW can be found here:-

<https://www.nsw.gov.au/driving-boating-and-transport/navigation-and-communication/radio-network-services>

KCC's Clubhouse Telephone is: 0481 487 955 (manned on dates in the Race Calendar only)

For other contact details refer to the *Contact* page of the KCC website (www.kcc.asn.au)

14.1 Local Emergency Contacts: -

Refer to Appendix B - KCC's Risk Management Plan

15 Disclaimer of Liability

Competitors and officials and other KCC members participating in events covered by these sailing instructions or as a consequence of these instructions do so at entirely their own risk. See RRS rule 3, Decision to Race. The organizing authority and KCC will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the events. Also refer to the *Disclaimer* page on the KCC website (www.kcc.asn.au) .

16 Other Important Documents

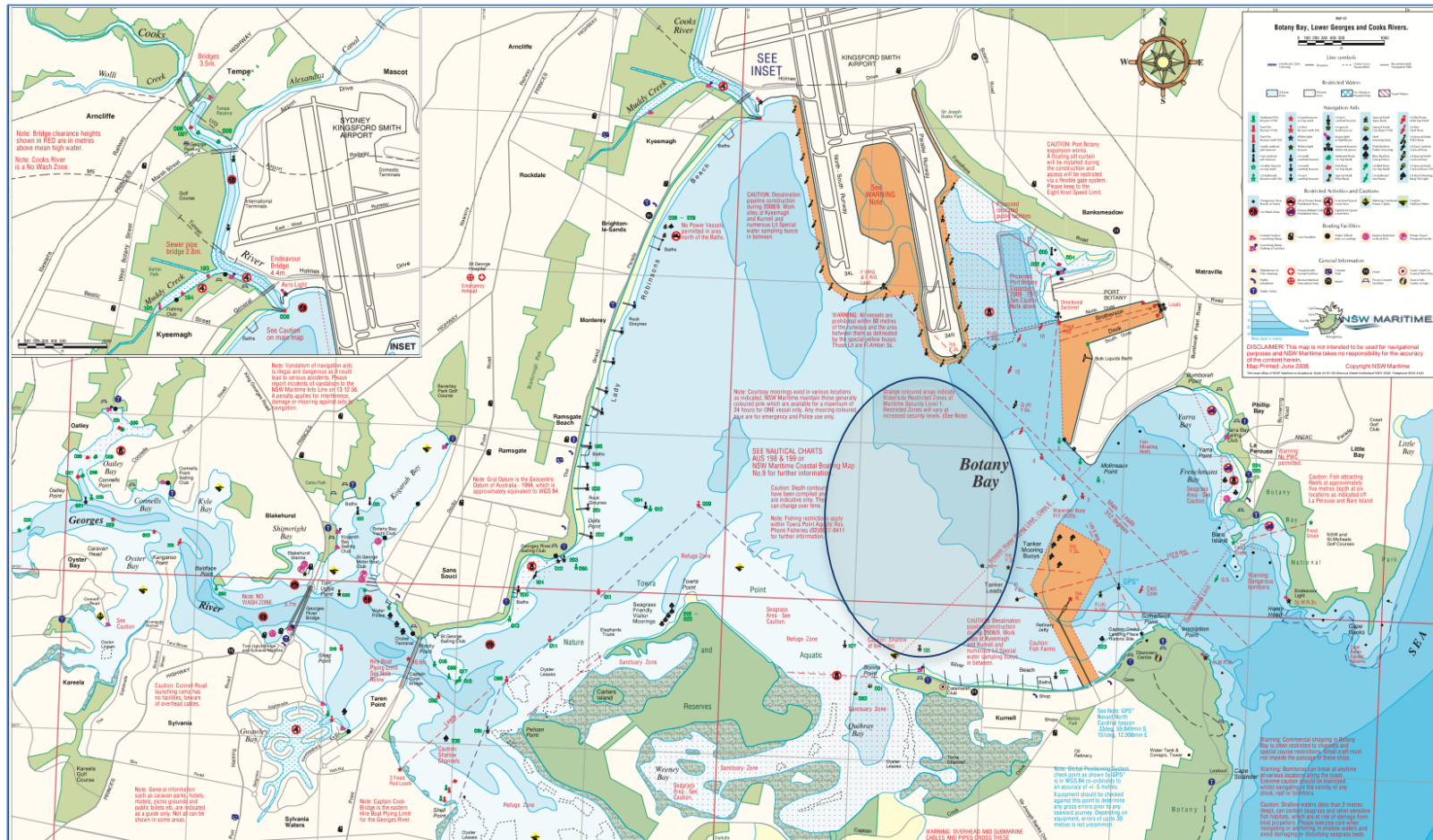
The following other important documents should be read in conjunction with this Operational Plan and can be found on the KCC website (www.kcc.asn.au) on the *Committee, Membership, Race Calendar, Juniors, Sailing Instructions, Duty Roster and Notices of Race* pages often under the *Additional Resources*.

- KCC Safety Management System;
- KCC Constitution;
- KCC Committee Duties;
- KCC Boat Yard Policy;
- KCC Code of Conduct;
- KCC Race Calendar;
- KCC Juniors Race Calendar;
- Sailing Instructions for the current event;
- KCC Duty Roster & KCC Duty Description; and
- Notice of Race for the current event.

The latest version of this document can be found on the *Sailing Instructions* webpage of the KCC website.

17 Appendix A (Map of Area Sailed)

KCC sails on normal race days within the closed waters of Botany Bay, NSW Australia generally within the area indicated on the map by the oval, except during regattas or when the cruising division (large multihulls) are sailing, when it can be the entire bay.



18 Appendix B - KCC Risk Management Plan

KCC Address to provide to Emergency Services is: - Kurnell Catamaran Club, Corner Prince Charles Parade and Ward Street, Kurnell. NSW Phone: 0481 487 955.			
Major Emergency Contact Numbers		Auxiliary Contact Numbers	
Police / Fire / Ambulance..... 000		KCC VHF ² Channel 77 Marine Radio Call Signs	Kurnell Club, Kurnell 1, 2, 3 or 4
Police / Fire / Ambulance on Mobile Phone..... 112		KCC 27 MHz Radio Channel 94 Call Signs.....	Kurnell Club, Kurnell 1, 2, 3 or 4
Local Ambulance..... 9320 7790		Sutherland Hospital Casualty.....	9540 7115
Water Police..... 9588 0462		Cronulla Police.....	9527 8199
Marine Rescue Botany Port Hacking – Solander Radio Base 24/7 8071 4838		Fire Brigade Cronulla.....	9527 2223
Or call Marine Rescue Solander on marine radio VHF Channel 16 or 27MHz Channel 88		Caltex Guard House.....	9668 1250
Kurnell Bush Fire Brigade..... 9520 6022		Sydney Ports Corporation (Port Botany).....	9666 5760
Roads and Maritime Services..... 95278411		Botany Bay National Park.....	9668 9111
Sydney Maritime Office (Waterways)..... 9545 4422		Federal Bomb Data Centre.....	6287 0677
Water Police: Operation Neptune is a 24hr toll free number. Marine crime and information can be reported (anonymously if requested) Phone: 1800 658 784		Sydney Airport Rescue.....	9556 6889
		Sydney Electricity.....	131 388
		Sydney Water.....	132090
		Weather.....	1900 926113
The KCC Commodore, KCC Secretary and KCC Treasurer have access to Member’s Emergency Contact details via the KCC Membership Register (i.e. current Membership Forms).		Sydney Airport Weather.....	95566566
Injury	Missing Boat or Sailor	Fire, Bushfire, Evacuation or Other Emergency	
The Good Samaritan Act provides cover for any member of the public to provide first aid assistance to an injured person. First Aid Kit is located just outside the KCC Canteen.			
a) On the Water: - Each case must be judged on its merits, but the first issue is getting the injured person back to the beach. This may involve using the KCC1/2/3 Support boat(s) or soliciting the Volunteer Marine Rescue Vessel, Sydney Maritime or Water Police. If the injury is serious, an ambulance should be notified and ideally be in attendance when the injured reaches the beach.			
b) On Club Premises or Beach: - First aid assistance to be provided and medical assistance sought. If the injury is serious, an ambulance should be called.			
c) Officer of the Day to contact KCC Executive Committee Member to determine family contact details from KCC Member Register. Notify family of situation if ambulance called.			
d) The Officer of the Day or Executive Committee Member should document the event including all injuries with date/time, names, addresses and circumstances and file with KCC Secretary at earliest opportunity.			
a) Officer of the Day to check Sign-On Sheet and determine number of boats.			
b) If any doubt, organise local search enlisting KCC Support Boats and KCC members. If other sailing Clubs are on the water such as Yarra Bay contact for assistance if the boat/sailor is not located within a few minutes.			
c) Contact Water Police and Marine Rescue NSW if not located quickly.			
d) Officer of the Day to contact KCC Executive Committee Member to determine family contact details from KCC Member Register. Notify family of situation.			
e) The Officer of the Day or Executive Committee Member should document the event including date/time, names, addresses and circumstances and file with KCC Secretary at earliest opportunity.			
Evacuation Procedures: -			
a) All club exits are to remain clear at all times. If first aid fire fighting is unsuccessful, the building is to be evacuated and all persons to be accounted for by Committee and Duty persons.			
b) All persons to muster 200 metres to the east of KCC on the beach side of Prince Charles Parade.			
c) If fire - The fire brigade to be notified ASAP. If bushfire, Kurnell Bush Fire Brigade can also be notified.			
a. Fire fighting appliances at KCC are as follows:			
i. Fire extinguishers (Canteen, Boat Garage, Saloon area)			
ii. Fire blanket (Canteen)			
iii. Hoses (Two in Boat Garage, Ladies & Men's Change Rooms)			
d) For all other emergencies contact the appropriate emergency service and notify a KCC Executive Committee Member.			
e) The Officer of the Day or Executive Committee Member should document the event including date/time, names, addresses and circumstances and file with KCC Secretary at earliest opportunity.			

² VHF radio is preferred over UHF as the support vessels do not carry UHF.

End of Document