

Kurnell Catamaran Club
Incorporated



Cruising Division
Sailing Instructions
2011-2012
(8th September 2011 Version)

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KCC Sailing Instructions

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These instructions cover the Kurnell Catamaran Club Incorporated (KCC) racing season 2011-2012 and supersede all previous versions.

1 RULES

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

2 NOTICES TO COMPETITORS

- 2.1 Notices to Competitors will be posted on the official notice board(s) located upstairs in the Kurnell Catamaran Club. Notices may also be posted or written temporarily on the blackboards adjacent to the main clubhouse entrance or broadcast over 27 MHz Channel 94 or VHF Channel 73 radio.
- 2.2 Notices of Race, Sailing Instructions, Race Programs, Results, Duty Rosters and other informational messages may in addition to being placed on the notice boards above, be published on the Kurnell Catamaran Club website www.kcc.asn.au in draft form.
- 2.3 A briefing will be held approximately one (1) hour before the start of a race when required. Generally a sounding of the club siren will precede the briefing. (1 long blast). The Cruising Division briefing may take the form of a broadcast over 27 MHz Channel 94 or VHF Channel 73 radio. A briefing whose sound signal or radio broadcast commences 60 minutes before start time shall mean that all information conveyed in the said briefing was deemed to have been provided the required 60 minutes before the start signal.

3 CHANGE TO SAILING INSTRUCTIONS

- 3.1 Any change to the Sailing Instructions will be posted no later than the completion of the scheduled briefing or 45 minutes before the scheduled start whichever is the later,

except that any change in the schedule of races will be posted no later than two (2) weeks before it will take effect.

- 3.2 Changes will be published as per SI 2.

4 SIGNALS MADE ASHORE

- 4.1 Signals made ashore will be displayed from the flagpole on the Clubhouse, or the flagpole adjacent to the Clubhouse.
- 4.2 When Race Signal AP (postponement) is displayed ashore, '1 minute' is replaced with 'not less than 30 minutes' in race signal AP.
- 4.3 Race Signal 'L' with one sound signal means "A notice to competitors has been posted on the official notice board or blackboard adjacent to the Clubhouse entrance".
- 4.4 When the floodlights on the Clubhouse are turned on after the starting sequence, it signifies "race abandoned" and all boats are to return to a safe mooring or anchorage. The floodlight signals are discretionary by Race Officials and are in addition to and do not detract from any normal race abandonment signals.
- 4.5 It should be noted that communications via 27 MHz Channel 94 or VHF Channel 73 radio may also be used in lieu of 4.1, 4.2, 4.3 and 4.4. Under this scenario, the message shall be broadcast and acknowledgement sought to confirm receipt from each boat.

5 SCHEDULE OF RACES

- 5.1 The schedule of events is listed in the Cruising Division Race Program and displayed as per SI 2.
- 5.2 Re-sail of Races:- Races abandoned or cancelled may be re-sailed at the Cruising Division Representative, Race-Secretary's or Assistant Race-Secretary's discretion but only on a listed race day in the official and final KCC racing calendar. However, a race shall not be re-sailed on a date less than 2 weeks after the abandoned/cancelled race. Notice shall be posted as per SI 2, as soon as possible but no less than 1 week prior to the proposed re-sail date.
- 5.3 Re-sail of races will only occur for races not started on their planned date. Any races started but not completed will not be re-sailed.
- 5.4 Re-sailed races abandoned will not be re-sailed.

6 DIVISION SIGNALS

- 6.1 The Cruising Division does not generally sail in a formal starting division, as per the divisional flags for "off the beach" catamarans. However, should the Cruising Division race coincide with an "Off the Beach" catamaran race, the Cruising Division may, at the discretion of the Cruising Division Representative and Race Secretary, or their delegates, be allocated a division and corresponding numeral pennant flag. The Cruising Division Representative, Race Secretary or their delegates will announce the

starting division for Cruising Division multihulls at the Race Briefing. Cruising Division Boats may start with "off the beach" catamarans in either division 1, 2 or 3 or may be allocated a separate division, typically division 4. However, where Cruising Division multihulls share a starting division with "off the beach" catamarans, Cruising division crews are expected to be particularly observant and start conservatively amongst the smaller and generally faster "off the beach" catamarans.

- 6.2 Notwithstanding 6.1 above, Cruising Division multihulls, when NOT sailing with "off the beach" catamarans, start on a scheduled time as taken from the KCC Clubhouse clock and race starting signals are not used. All Cruising Division multihulls sail in the same division.
- 6.3 When the cruising division starts with "off the beach " catamarans they will normally start first.

7 RACING AREA

Racing will be held on Botany Bay, NSW.

8 THE COURSES

Courses are shown in Attachment B.

9 MARKS

9.1 When starting with "off the beach" catamarans:-

Mark A will be a large yellow inflatable buoy marked with the letters KCC. Additional special marks may be indicated in the course attachments or at the Race Briefing.

9.2 When sailing in cruising company only:-

Mark B - Outer red mark from shore of two buoys anchored in navigable water in front of the Clubhouse. These buoys are set approximately north/south and form the start/finish line.

Mark G - Outer Towra Red Channel Marker pole

Mark C - Red Captain Cook Bell buoy marking start of deep water channel at mouth of Botany Bay.

Mark E - Port Botany red channel marker - 0.5Nm west of large storage tanks

Position S 33' 58.74" - E 151' 12.08"

Special Note: Please be careful at fixed marks and allow sufficient clearance, especially when tacking or gybing in a strong tidal run.

10 OBSTRUCTIONS

10.1 The Botany Bay Port Authorities prohibit vessels from approaching within 100 metres of the Refinery jetty, the Port Botany Terminal or within 80 metres of the airport runways. The Authorities also prohibit vessels from proceeding inside the berthing buoys perimeter of a berthed or berthing/departing tanker. The authorities may impose fines for infringements.

These areas are obstructions as defined under the Racing Rules of Sailing.

11 THE START

11.1 To constitute a race day there must be at least 2 Cruising Division Multihulls signed on (excluding Duty) that are, at the absolute discretion of the senior Race Official, willing and capable of proceeding to the starting area for the first scheduled race of the day.

11.2 **Race Committee Vessel Start (in company with “off the beach catamarans”)**

11.2.1 Races are started under RRS rule 26.

Signal	Flag and Sound	Minutes before Starting Signal
Warning	Division Flag; 1 sound	5
Preparatory	"P" Flag ; 1 sound	4
One Minute	Preparatory Flag removed ; 1 sound	1
Starting	Division Flag removed ; 1 sound	0

11.2.2 The starting line will be between the KCC burgee displayed on the Race Committee Vessel at the starboard end and the Mark as shown in the relevant section of Attachment B (“off the beach” Sailing Instructions) at the port end.

11.2.3 A distance mark may be laid near the Race Committee Vessel. Any boat that passes between this mark and the Race Committee Vessel, or touches the mark, shall round the Race Committee Vessel (to starboard) or the mark defining the port end of the start line (to port) before starting.

11.2.4 Note that Race Officials may elect to start multiple divisions at the same time if there are insufficient entries to warrant separate divisional starts. This will be advised to competitors as per SI 3.

11.2.5 RRS rule 30.1 (Round-an-End Rule) is in effect at all times, no flag shall be flown. This changes RRS rule 30.1

- 11.2.6 A boat starting later than ten (10) minutes after her starting signal is scored Did Not Start (DNS). If the start boat is not on station, a boat may start by performing a 360 degree turn to port around the port end start mark as shown in the relevant section of Attachment.

11.3 Cruising Division Start (when not coinciding with “off the beach” catamarans)

- 11.3.1 The start line shall be between two buoys anchored in navigable water in front of the Clubhouse. The direction in which to start is either announced at the Race Briefing or by a flag on the outer mark (Mark B). (Red - keep the outer buoy to port; Green - keep the outer buoy to starboard.).
- 11.3.2 Boats shall start at the prescribed time. The prescribed time, depending on event, may vary for individual entries, in which case times will be notified individually by the Cruising Division Representative or their delegate over 27 MHz Channel 94 or VHF Channel 73 radio. Timing shall be taken from the KCC Clubhouse clock. A time check can be obtained by radioing KCC on 27 MHz Channel 94 or VHF Channel 73 (call sign of the KCC Clubhouse is "Kurnell Club").
- 11.3.3 The starting sequence shall be:-
- 5 minutes before the start - a flag, as announced at the race briefing, shall be hoisted from the KCC flagpole accompanied by 1 long sound signal.
 - 1 Minute before the Start - the flag shall be lowered and the clubhouse floodlights switched on accompanied by 1 long sound signal.
 - Start - the clubhouse floodlights shall be switched off accompanied by 1 long sound signal.

This changes RRS rule 26.

- 11.3.4 There will be no recalls; however, boats shall be penalized under SI 14.2.

12 SHORTENING COURSE

- 12.1 The Race Officials may shorten the course by displaying race signal “S” at any rounding mark after rounding this mark proceeds to the finish.
- 12.2 If the course is shortened at mark B yachts shall be finished as they pass between the clubhouse and mark B.
- 12.3 Generally, when shortening course during a Cruising Division Race, the Race Committee Vessel is not available. In this case Boats will be notified individually by the Cruising Division Representative or their delegate over 27 MHz Channel 94 or VHF Channel 73 radio and are expected to round the mark that the course is being shortened at and proceed directly to the finish.

- 12.4 This changes RRS rule 32.

13 THE FINISH

The finish is between Mark B and the outer KCC permanent mark.

When finishing from mark C or E cross the finishing line in the direction from East to West.
When finishing from mark G cross the finishing in the direction from West to East.

14 PENALTY SYSTEM

- 14.1 RRS rule 44.1 and RRS rule 44.2 is changed so that only one-turn, including one tack and one gybe is required.
- 14.1 Should a boat start before its correct starting time in a Clubhouse Start, the time to the correct starting time, rounded up to a whole minute, plus a two (2) minute penalty will be added to that boat's finishing time.

15 TIME LIMIT

- 15.1 Time limits of races are as follows:

Race/regatta	First boat	Extended time limit if first boat finishes within time limit.
Marathon, Cock of the Bay, Australia Day	180 minutes	230 minutes
"off the beach" catamaran courses.	120 minutes	150 minutes

- 15.2 If the first boat finishes within the time limit, all other boats shall finish within the extended time limit or they shall be scored as DID NOT FINISH (DNF). The time limit commences at the start of the first division.

16 PROTESTS

- 16.1 No boat need display a protest flag. This changes RRS rule 61.1(a).
- 16.2 Protests forms are available at the KCC Clubhouse.
- 16.3 The protest time limit is 60 minutes after the last boat has finished the last race of the day.

17 SCORING

17.1 The Low Point scoring system of Appendix A of the Racing Rules of sailing shall apply.

18 SAFETY REGULATIONS

18.1 Sign-On and Sign-Off

18.1.1 Cruising Division boats must be equipped with an approved and operable VHF and/or 27 MHz radio transmitter/receiver.

18.1.2 Cruising Division boats may sign on/off via 27 MHz Channel 94 or VHF Channel 73 radio to the Cruising Division Representative or their delegate. Alternatively sign on/off can be to the KCC Clubhouse (call sign "Kurnell Club"). Persons signing on and off must be at least 18 years of age. Should no crew member be 18 years of age or over, a parent or guardian must sign-on/off, in writing, at the clubhouse.

18.1.3 Boats failing to comply with SI 18.1.1/2, or where sign-on/off information is illegible or incomplete, shall be scored DNC without a hearing. This changes RRS rule 63.1.

19 REPLACEMENT OF HELM, CREW OR EQUIPMENT

19.1 Substitutions of a registered boats usual skipper will not be allowed without prior approval of the Cruising Division Representative prior to the commencement of the Race Briefing or 60 minutes before the first scheduled race of the day whichever is the later. Race Officials may adjust the Boat's handicap.

19.2 Substitution of boats will not be allowed unless approved in writing by the Race Committee. Requests for substitution shall be made to the Race Committee at the first reasonable opportunity.

20 EQUIPMENT AND MEASUREMENT CHECKS

A boat or equipment may be inspected at any time for compliance with the class rules and sailing instructions including safety requirements. On the water, a boat can be instructed by a Race Official to proceed immediately to a designated area for inspection.

21 OFFICIAL BOATS and RACE COMMITTEE VESSEL

Official boats will be marked with "Kurnell Catamaran Club", "KCC" or the club burgee.

22 RADIO COMMUNICATION

A boat shall neither make radio transmissions whilst racing nor receive radio communications that are not available to all boats. This restriction also applies to mobile telephones. Official Radio communication shall be over either 27 MHz Channel 94 or VHF Channel 73 radio. Radio communication is however permitted between Cruising Division boats but must not be used

for tactical advantage whilst racing. This is not meant to prevent Skippers from reporting weather on the course.

23 PRIZES

23.1 Prizes will be awarded at the discretion of the Race Committee.

23.2 Perpetual Trophies will remain at the KCC Clubhouse for display.

24 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 4, 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.

25 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 \$5,000,000 AUD (Five million Australian Dollars). Entering the boat on the sign-on sheet or signing on by radio indicates that the Skipper has acknowledged that the boat is insured as per this requirement.

26 ATTACHMENT A (Series Rules)

26.1 Eligibility

- All Series and Championships are open to financial members of KCC.
- Only registered boats are eligible for end of series/season prizes and perpetual trophies.
- Boats may only be registered where the nominated helm is a financial member of KCC.
- Unregistered boats cannot score points for any series.
- Only the most recent 3 results of any series by an unregistered boat, sailing as a visitor and having paid the prescribed visitor race entry fee, may be counted in the results of any Series/Championship, should that boat be subsequently registered. There is no refund or partial refund of visitor race entry fees.
- Visiting boats are welcome but will not be scored in the aggregate results and are not eligible for end of series/season prizes or perpetual trophies. Visiting boats must pay the prescribed visitor race entry fee. Visitor race entry fees are determined annually by the KCC committee and are variable, depending on whether the helm of a visiting boat is a financial member of a club affiliated with Yachting NSW or otherwise.

26.2 Cruising Division Summer Pursuit Series Scoring

The Cruising Division Championship (Summer Pursuit Series) is scored by combining all races (except those abandoned) minus allowable discarded races (drops)

Individual race results are determined using current Cruising Division KCC handicaps as determined by the Cruising Division Representative.

Individual Boats may apply in writing to the Race Committee for a review of handicap. This will only be considered if received at least 1 day prior to the scheduled race.

26.3 Allowances or Redress for attending other events or doing duty

Boats are not eligible to claim point's compensation for doing duty, attending other events such as State, National or International titles or other regattas or events.

26.4 Minimum Number of Races

To constitute a series, the following number of races shall be the minimum that are sailed to completion (i.e. not be abandoned). If a series does not achieve the minimum, the Race Committee may, at its sole discretion, elect to abandon the individual series.

Series	Minimum number of races that must be sailed
Cruising Division	3

Series	Minimum number of races that must be sailed
Regattas	Refer Regatta Sailing Instructions.
All other races	All scheduled races .

26.5 Drops

The following table defines the number of discarded races (drops) permitted over any series. The maximum number of drops is one quarter of completed races, rounded down to a whole number.

Completed Races	Drops Permitted
14	3
13	3
12	3
11	3
10	3
9	3
8	2
7	2
6	2
5	1
4	1
3	0
2	0
1	0

26.6 Duty Days

It is expected and required that every entrant (helm + crew as appropriate) is rostered for Club "Duty" a minimum of one day per sailing season.

Race entrants are encouraged to volunteer for duty for a particular race day or any day during a particular series. However, whilst making every endeavor to accommodate such requests,

the Race Committee shall determine the Duty Roster at its absolute discretion. Entrants not submitting a preferred date and/or series will be rostered as the Race Committee determines.

Duty entrants are scored the equivalent of Did Not Compete (DNC).

Entrants failing to complete rostered duty to the satisfaction of the Race Committee may, at the absolute discretion of the Race Committee, incur a racing penalty (which may be against any or all Series) as determined by the Race Committee, without further hearing.

26.7 Results Posting

All results will be published as soon as possible on the KCC Club Notice Board and the KCC Website, but are to be considered unofficial and subject to corrections until the words "Final Results" appears in the heading.

26.8 Wind Limit and Operational Procedures

All racing must cease or the start delayed when the average "official" (refer below) wind strength is determined as exceeding 30 knots. The responsible Race Official (refer 27.11) 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 meters 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, 26 knots would correspond to over 30 knots, above the KCC Cruising Division operational wind limit for racing.

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

Where 'n' = 0.10 (ocean/water) - <http://www.aerostarwind.com/windspeeddata.html>

26.9 Lightning

All racing must cease (if on the water) or the start delayed (if ashore) when lightning is observed in the general vicinity of Botany Bay and surrounds. Storm cells must clearly be observed to be moving well away from the Botany Bay area before racing may commence or resume.

26.10 Responsible Race Official (Weather and Safety)

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" and/or the Cruising Division Representative, 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 monitoring racing ashore.

Notwithstanding the above, all entrants are reminded of SI 25 and RRS rule 4 (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.

Refer to the “***KCC Operational Plan***” for all other operational procedures, a copy of which is on the Club's Official Notice Board and KCC website.

27 ATTACHMENT B (Courses)

27.1 Cruising Division Summer Pursuit Series

All courses and whether the start coincides with the "Off the Beach" catamarans race or not, for each day's event will be notified on the day over 27 MHz Channel 94 or VHF Channel 73 radio at the briefing time.

Mark A to be rounded as per flag on the start boat (RED –Port rounding) (GREEN-Starboard rounding)

Course 1 -

Start ; A ; B (port) ; C (port) ; G (starboard) ; E (starboard) ; Finish (East to West)

Course 2

Start ; A: B (starboard) ; G (starboard) ; E (starboard) ; B (starboard) ; E (starboard) : Finish (East to West)

Course 3

Start :A ; B (port) ; E (starboard) ; C (starboard) ; G (port) ; Finish (West to East)

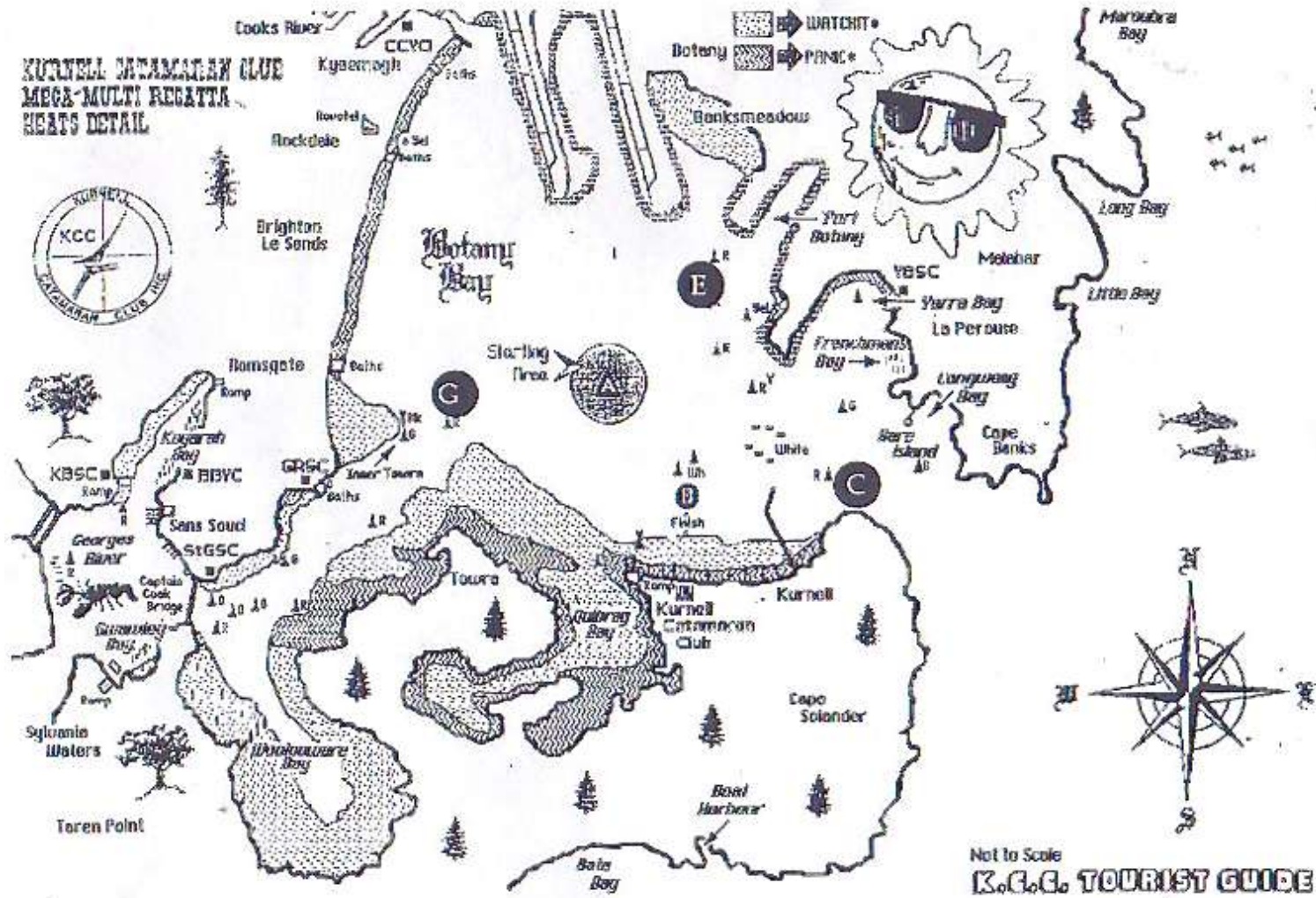
Alternative Courses

Any alternative courses (such as utilising "Off the Beach" catamaran courses or starting procedure) will be notified on the day at the briefing. These do not require the flying of flag "L" and the briefing notification shall be sufficient.

27.2 Australia Day / Marathon Course

Advised at Race Briefing on the day.

27.3 Course Map



End of Sailing Instructions