

Kurnell Catamaran Club
Incorporated



Sailing Instructions

“Off the Beach” Catamarans

2011-2012

Version: September 24th, 2011

Table of Contents

| | | |
|----|---|----|
| 1 | RULES | 3 |
| 2 | NOTICES TO COMPETITORS | 3 |
| 3 | CHANGES TO SAILING INSTRUCTIONS | 3 |
| 4 | SIGNALS MADE ASHORE | 4 |
| 5 | SCHEDULE OF RACES | 4 |
| 6 | DIVISION SIGNALS..... | 4 |
| 7 | RACING AREA | 4 |
| 8 | COURSES | 5 |
| 9 | MARKS | 5 |
| 10 | OBSTRUCTIONS | 5 |
| 11 | THE START | 5 |
| 12 | SHORTENING COURSE..... | 6 |
| 13 | THE FINISH | 7 |
| 14 | PENALTY SYSTEM..... | 7 |
| 15 | TIME LIMIT | 7 |
| 16 | PROTESTS..... | 7 |
| 17 | SCORING | 8 |
| 18 | SAFETY REGULATIONS | 8 |
| 19 | REPLACEMENT OF HELM, CREW OR EQUIPMENT | 9 |
| 20 | EQUIPMENT, CLASS RULES AND MEASUREMENT CHECKS | 10 |
| 21 | OFFICIAL BOATS AND RACE COMMITTEE VESSEL | 10 |
| 22 | SUPPORT PERSONNEL..... | 10 |
| 23 | RADIO COMMUNICATION | 10 |
| 24 | PRIZES | 10 |
| 25 | DISCLAIMER OF LIABILITY..... | 11 |
| 26 | INSURANCE | 11 |
| 27 | ATTACHMENT A (SERIES RULES) | 12 |
| 28 | ATTACHMENT B (COURSES) | 17 |

KCC Sailing Instructions

Kurnell Catamaran Club Incorporated

Prince Charles Parade, Kurnell. Sydney Australia.

(PO Box 255, Caringbah. NSW Australia 1495)

Phone: 02-9668 9295. E-mail: Race-Secretary@kcc.asn.au Web: www.kcc.asn.au

These instructions cover the Kurnell Catamaran Club Incorporated (KCC) "Off the Beach" Catamaran racing season 2011-2012 and supersede all previous versions. Diagrams are not to scale.

1 RULES

- 1.1 All races, series and regattas are 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 Race Secretary and Assistant Race Secretary supported by the Executive Committee of KCC.
- 1.3 The Race Officials (in order of seniority) on a sailing day consist of the Race Secretary, Assistant Race Secretary, Race Committee Vessel Boat Captain, Officer of the Day, Race and other Official Boat Captain(s).

2 NOTICES TO COMPETITORS

- 2.1 Notices to Competitors are 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.
- 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.

3 CHANGES to SAILING INSTRUCTIONS

- 3.1 Any change to the Sailing Instructions for a particular series or race(s) must be posted no later than the completion of the scheduled pre-race briefing or 45 minutes before the scheduled Division 1 start, whichever is the latter. However, changes to the schedule of races require a minimum of 2 weeks' notice.
- 3.2 Changes will be published as per SI 2.

4 SIGNALS MADE ASHORE

- 4.1 Signals made ashore are 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 is posted on the official notice board or blackboard adjacent to the Clubhouse entrance"*.
- 4.4 When the floodlights on the Clubhouse are turned on, it signifies *"race abandoned"* and all boats must return to the beach. The floodlight signals are discretionary by Race Officials and are in addition to race abandonment signals.

5 SCHEDULE of RACES

- 5.1 The schedule of events is listed in the program and displayed as per SI 2.
- 5.2 The Race Committee may elect to re-sail races that, for whatever reason, are unable to be completed on the scheduled date. The Race Committee's decision is final and may not be protested. This provision applies only to the
- 5.3 Club/Class Championship, John Goodier Memorial Challenge and the Olympic Series. A minimum of 2 weeks' notice must be given as per SI 2.

6 DIVISION SIGNALS

- 6.1 Division 1 Race Signal will be numeral pennant one (1)
- 6.2 Division 2 Race Signal will be numeral pennant two (2)
- 6.3 Division 3 Race Signal will be numeral pennant three (3)
- 6.4 Boats must start in the correct division as defined below. However, a boat may start in a different division, with the permission of the Race Committee, where to do so would contribute to race management and/or safety objectives. Permission must be clearly indicated on the 'sign-on' sheet through initialing the 'Division' column by the senior race official (refer SI 1.3) on the day. However, frequent changing of divisions is not permitted.

Division 1: Boats less than 4.89 metres loa

Division 2: Boats 4.89 metres loa or greater and KCC yardstick greater than 70.

Division 3: Boats with spinnakers and/or KCC yardstick of 70 or less.

7 RACING AREA

Racing will be held on Botany Bay, NSW.

8 COURSES

Courses sailed are shown in Attachment B, including the approximate angles between legs, the order in which marks are rounded and the rounding direction of each mark.

9 MARKS

Marks A, B, C and D are large yellow inflatable buoys marked with the letters KCC. Additional special marks or modifications to the above may be indicated in the course attachments or at the Race Briefing.

10 OBSTRUCTIONS

10.1 The Botany Bay Port Authorities prohibit vessels from approaching within 100 metres of the Refinery jetty, within 100 metres of 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 4 boats signed on (excluding Duty) that are, at the absolute discretion of the senior Race Official (refer SI 1.3) in attendance, willing and capable of proceeding to the starting area for the first scheduled race of the day.

11.2 Race Committee Vessel Start

11.2.1 Races are started by using RRS 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 is 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 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 or alternatively when “on the water” by the Support Vessel Boat Captain, where all affected competitors shall be individually advised by word.
- 11.2.5 RRS 30.1 (Round-an-End Rule) is in effect at all times, no flag shall be flown. This changes RRS 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 B.
- 11.2.7 When more than one race is held in the same session, the warning signal for each succeeding race is made as soon as practicable. To alert boats that another race or sequence of races will begin shortly, the postponement signal shall be displayed for at least one minute before a warning signal is displayed.

11.3 Clubhouse Start

- 11.3.1 Races are started as per RRS 26, modified to read: Signal flags shall not be displayed. Sound signals may be made by the clubhouse hooter; however, the absence of a sound signal shall be disregarded. The warning signal is taken as 5 minutes prior to `zero` minutes handicap time. This changes RRS 26.
- 11.3.2 The starting line is between two buoys in navigable water in front of the Clubhouse.
- 11.3.3 The direction in which to cross the start line is indicated by the flag on the outer mark. (RED – keep the outer buoy to port, GREEN – keep the outer buoy to starboard)
- 11.3.4 Timing is taken from the KCC Clubhouse clock.
- 11.3.5 Individual boat starting times (\pm minutes) and the KCC clubhouse clock time of `zero` minutes are displayed on the notice board, and/or given at the race briefing.
- 11.3.6 There are no recalls; however, boats are penalized without hearing under SI 14.

12 SHORTENING COURSE

- 12.1 Race Officials may shorten the course by displaying race signal “S” at any rounding mark. The Race Committee Vessel shall display race signal “S”, either on the Race Committee Vessel, on station in the immediate vicinity of the mark, or attached to the mark.

Boats must leave the mark on the correct hand and proceed directly to the Finish (SI 13). Boats are reminded of RRS 28.1, “Sailing the Course”. Depending on the relative

locations of the last rounding mark and the Finish, a complete rounding of the mark may be required to satisfy RRS 28.1. This changes RRS 32.

13 THE FINISH

The finish is between two buoys anchored in navigable water in front of the Clubhouse. The direction in which to finish is as per the RRS definition. To assist Sailors and avoid confusion there may be (but not obliged to be) a flag on or attached to the outer mark. Should a flag be so attached it forms part of the mark under these instructions. (Red - keep the outer buoy to port; Green - keep the outer buoy to starboard.)

14 PENALTY SYSTEM

- 14.1 RRS 44.1 and RRS 44.2 is changed so that only one-turn, including one tack and one gybe is required.
- 14.2 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 limit of races is 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 |
| All other Races. | 120 minutes | 150 minutes |

- 15.2 Should the first boat finish within the time limit, all other boats must 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, not separately to each following division.

16 PROTESTS

- 16.1 No boat need display a protest flag. This changes RRS 61.1(a).
- 16.2 Protests forms are available at the KCC Clubhouse.
- 16.3 The protest time limit for all scheduled races is 30 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 to all KCC Series, Championships, Regattas and special events.

17.2 The following Scoring Codes apply to all KCC Series and Championships, excluding Regattas and Special Events: This modifies RRS - A4.2 & A9 of Appendix A – Scoring.

| | | |
|-------|--|--|
| DNC: | Did not Compete | Number of Entrants + 1 |
| DNF: | Did not Finish | Number of Finishers + 1 |
| DNS: | Did not Start (but sailed to start area) | Number of Finishers + 2 |
| OCS: | On Course Side at start/broke rule 30.1 | Same as DNS |
| DSQ: | Disqualified | Number of Finishers + 1 |
| RAF: | Retired after Finishing | Same as DSQ |
| BFD: | Black Flag Disqualification | Same as DSQ but not Discardable |
| DGM: | Disqualified Gross Misconduct | Points set by Protest Committee but not Discardable |
| RDG: | Redress Given | Points set by Protest Committee |
| RDGa: | Redress Given | Average points all races |
| RDGb: | Redress Given | Average points all previous races |
| RDGc: | Redress Given – SI 17.3 | Starters + 1 |

17.3 When a registered boat and crew are “Signed On” ready to race, race fees paid and/or has suffered equipment failure and/or crew injury during an earlier race(s) and/or the boat skipper considers the wind/weather conditions unsuitable for the age, experience, physical fitness or skill level of one or more of the crew, the Race Secretary or the Senior Race Officer, at his/her absolute discretion, may consider Redress under Scoring Code RDGc.

The Race Secretary or the Senior Race Officer must assess and consider the bona fides of the boat crew in deciding not to race. His/her decision is final and not subject to protest.

Generally speaking, a decision “not to race” owing to prevailing wind/weather conditions (notwithstanding that conditions are within KCC’s Operational Plan) is valid grounds for Redress under Scoring Code RDGc. However, the Race Secretary must be satisfied that the boat/crew were ready to race otherwise.

The skipper or his/her representative must request the Race Recorder or Officer of the Day to record “RDG” in the “Place or Scoring Code” column under the boat’s sail number and class on the finishing sheet(s) for the respective race(s), no less than 30 minutes after the last “Warning Signal” for the last race of the session.

A boat receiving Redress under RDGc shall be considered a starter.

18 SAFETY REGULATIONS

18.1 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. There is no requirement to sign-off; however, boats failing to leave the beach after signing on or retiring after starting should inform the senior (refer SI 1.3) “on shore” Race Official as soon as possible.

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.

18.2 Failure to Sign-On

Boats failing to comply with SI 18.1, or where sign-on information is illegible, are scored DNC without a hearing. This changes RRS 63.1.

18.3 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" need not be flown and no sound signal made.

Righting Ropes

All competing boats are required to be fitted with righting ropes. It is recommended that boats have towing rings on bridles and that the phone number of KCC is written on the boat.

18.4 YA Special Regulations

All boats must conform to the requirements of YACHTING AUSTRALIA SPECIAL REGULATIONS PART 2 FOR 'OFF THE BEACH' BOATS.

19 REPLACEMENT of Helm, CREW or EQUIPMENT

19.1 Olympic, John Goodier Memorial Challenge and Sprint Challenge Series

The nominated helm and crew, as registered (provided both are financial KCC members), may interchange helm and crew roles at their discretion. Substitution otherwise of the nominated helm of a registered boat is not permitted without a prior request for approval brought to the attention of the senior race official on the day, who shall record approval or otherwise on the sign-on sheet. Written approval must be recorded on the sign-on sheet prior to the commencement of the Race Briefing or 60 minutes before the first scheduled race of the day, whichever is the latter. Race Officials reserve the right, at their absolute discretion and without hearing, to adjust the registered boat's KCC back-calculated yardstick.

19.2 Club Championship Series

The nominated helm of a registered boat cannot be substituted for the Club Championship Series. However, the nominated helm and crew (not a casual crew), as registered (provided both are financial KCC members), may interchange helm and crew roles at their discretion.

19.3 Substitution of a registered boat in any series is not permitted, unless approved of, in writing, by the Race Committee. Written requests for substitution shall be made to the Race Committee at the first reasonable opportunity. Approval provides for results of separate boats (under the one helm or helm/crew) to be combined. No more than one *approval per season shall be granted to any helm or helm/crew combination across all series.* The Race Committee reserves the right to alter subsequent KCC back-

calculated yardsticks for the Olympic, John Goodier Memorial and Sprint Challenge Series, based on previous results and the relative KCC yardsticks of the original and substitute boats.

20 EQUIPMENT, CLASS RULES and MEASUREMENT CHECKS

- 20.1 A boat or equipment may be inspected at any time for compliance with class rules and these sailing instructions, including safety requirements.
- 20.2 On the water, a boat can be instructed by a Race Official to proceed immediately to a designated area for inspection.
- 20.3 Where a protest is upheld on Class rules/measurement, the Protest Committee may not impose a penalty but must refer its findings to the Race Committee. The Race Committee, at its absolute discretion and without right to further redress, may only apply a penalty by adjusting the boat's class yardstick, where the Race Committee determines that non compliance with Class rules/measurement has resulted in the boat obtaining a performance advantage.
- 20.4 However, class rules that stipulate sails and/or fittings must be purchased through a class dealership(s) and/or manufactured or altered only by a designated class dealer/sail maker, shall not apply to any KCC race series or regatta, other than Yachting Australia approved National or State Championships for the respective Class(s). Provided that sails must comply in all other respects (sail material type/weight excluded) with class sail measurement rules and verified as such in writing by the sailmaker. Writing may be by a certification letter signed by the sailmaker and initialed and dated at the "tack" of the sail or by placement of an initialed and dated certification "tack" mark.

21 OFFICIAL BOATS and RACE COMMITTEE VESSEL

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

22 SUPPORT PERSONNEL

Team Leaders, Coaches and other support personnel shall stay outside the area where boats are racing from the time of the preparatory signal for the first division until all boats have finished or the Race Officials signal postponement, general recall or abandonment.

23 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.

24 PRIZES

- 24.1 Prizes/trophies awarded at the discretion of the Race Committee.
- 24.2 Perpetual Trophies remain on display at the KCC Clubhouse.

25 DISCLAIMER of LIABILITY

Competitors, 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 4, Decision to Race. The organizing authority and KCC do not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the event(s).

26 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 must be at least \$5,000,000 AUD (Five million Australian Dollars). Entering the boat on the sign-on sheet indicates that the Skipper has acknowledged that the boat is insured as per this requirement.

27 ATTACHMENT A (Series Rules)

27.1 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 and/or Club 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.
- Notwithstanding the above, KCC reserves the right to refuse any entry.

27.2 Club Championship Scoring

- The Club Championship is scored as a combined fleet of all divisions.
- The Club Championship is scored over all sailed races in the Club/Class Championship Series, less allowable discards (drops).
- Individual race results are determined using current KCC class yardsticks.

27.3 John Goodier Memorial Challenge and Olympic Series Scoring

- The John Goodier Memorial Challenge and Olympic Series are scored as a combined fleet of all divisions.
- Individual races are scored based on back-calculated yardsticks. Individual entrant's yardsticks for heat 1 are determined based on results from the previous season and/or as determined by the Race Secretary, at his/her absolute discretion.

Subsequent back-calculated yardsticks for heats 2, 3, 4 etc are determined based on the "median" boat in the respective heat. The yardstick of all finishers is adjusted so that all boats record the same corrected time as the "median" boat which becomes the "Standard" boat for that race on which back-calculated yardsticks are derived. The adjusted yardstick (back-calculated yardstick) is then averaged together with all previously adjusted yardsticks (current and previous heats) to form the adopted yardstick for the next race in the series. Back-calculated yardsticks are scored independently for both series.

27.4 Sprint Challenge Scoring

- The Sprint Challenge is scored as a combined fleet of all divisions.
- Scoring is based on a “pursuit time” handicap with a staggered start using the Clubhouse Start (SI 11.3). Boats are allocated handicaps in minutes by a Race Official at or before the Race Briefing. The Boat must start no earlier than their handicap minutes after (or before if a negative figure) the Starting Signal.
- Individual Starting Times are determined by the Race Committee or Race Officials by reference to the current back-calculated yardstick from the John Goodier Memorial Challenge and/or Olympic Series of respective entrants.
- However, the Race Committee or Race Officials reserve the right, at its absolute discretion, to vary handicaps as appropriate. However, once established, such handicaps are not varied for the duration of the 1 day/3 race series.

27.5 Other Series or Special Events Scoring

These are advised at the briefing on the day.

27.6 Allowances or Redress for attending other events or doing duty

Entrants are not eligible to claim redress for scheduled duty, attending other events such as Regattas, State, National or International Championships. Each series has an adequate number of “Drops” to provide fair and equitable competition, whilst recognizing that entrants may not compete over all scheduled races for a variety of reasons.

27.7 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 abandoned). If a series does not achieve the minimum required, the Race Committee may, at its absolute discretion, accept a lesser number, re-sail 1 or more abandoned heats or abandon the individual series.

| Series | Minimum number of races that must be sailed |
|-------------------------|--|
| Club/Class Championship | 10 |
| John Goodier Challenge | 6 |
| Olympic Series | 6 |
| Sprint Challenge | 1 |
| Regattas | As per the Regatta Sailing Instructions. |
| All other Events | All must be completed. |

27.8 Drops

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

| Completed Races | Drops Permitted | Completed Races | Drops Permitted |
|-----------------|-----------------|-----------------|-----------------|
| 24 | 6 | 12 | 3 |
| 23 | 5 | 11 | 2 |
| 22 | 5 | 10 | 2 |
| 21 | 5 | 9 | 2 |
| 20 | 5 | 8 | 2 |
| 19 | 4 | 7 | 1 |
| 18 | 4 | 6 | 1 |
| 17 | 4 | 5 | 1 |
| 16 | 4 | 4 | 1 |
| 15 | 3 | 3 | 0 |
| 14 | 3 | 2 | 0 |
| 13 | 3 | 1 | 0 |

27.9 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 are 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.

27.10 Results Posting

All results are published as soon as practicable on the KCC Club Notice Board and the KCC Website. Published results are “unofficial” and subject to change/corrections until the words “Final Results” appears in the heading.

27.11 Wind Limit

All racing must cease (if on the water) or the start delayed (if ashore) when the average “official” (refer below) wind strength is determined as exceeding 22.5 knots. The responsible Race Official (refer 27.13) 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) – Refer

http://www.aerostarwind.com/adjusting_wind_speeds.html

27.12 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.

27.13 Responsible Race Official (Weather and Safety)

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 Race Committee Vessel Boat Captain and Officer of the Day, in consultation with the most senior member of the KCC Executive present, should neither be a member of the Executive. Should they be unable to reach a unanimous decision, racing may not proceed or must cease immediately if on the water. ***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 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.

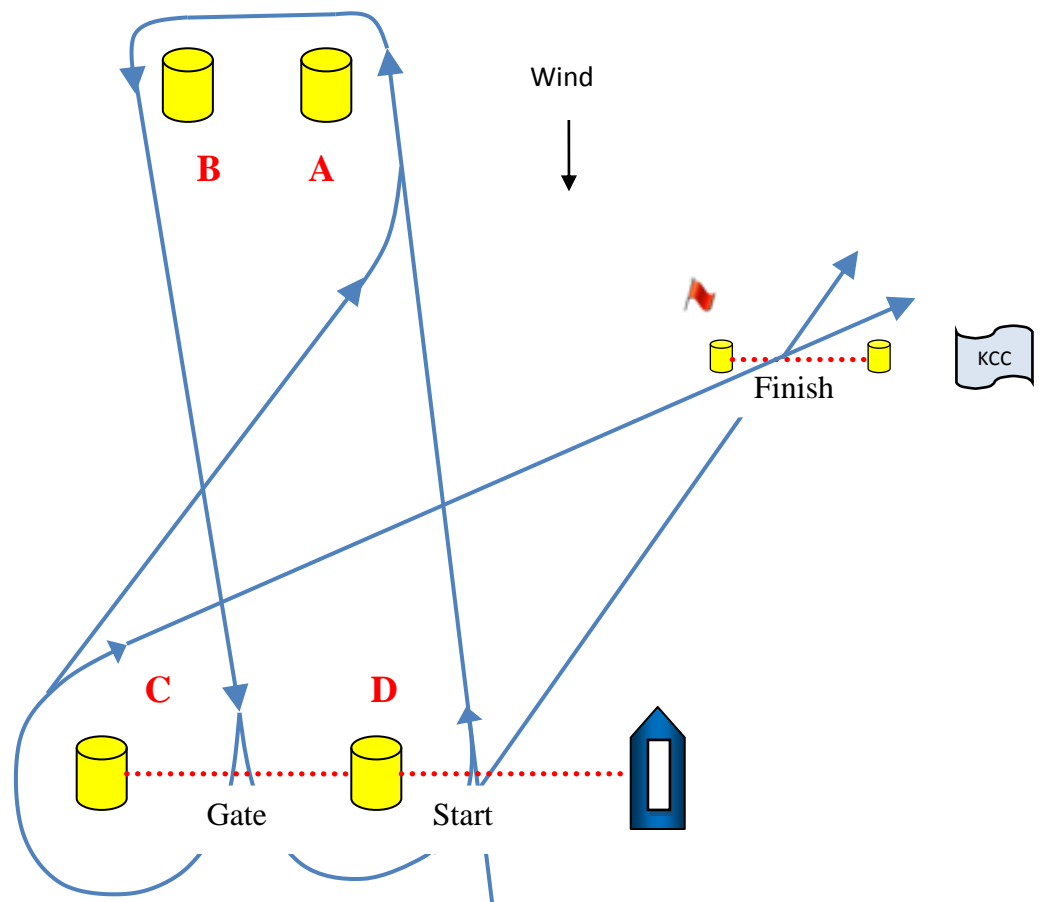
Refer to the "***KCC Operational Plan***" for all other operational procedures, a copy of which is on the Club's Official Notice Board and KCC website.

28 ATTACHMENT B (Courses)

28.1 Course A - Club/Class Championship Series

- 2 races scheduled per day
- Course length aimed at 40 – 50 minutes for the fastest boat (approximately 0.8 nautical miles from D to A - ± depending on wind strength)
- The angle BAD is approximately 90 degrees
- Distance from A to B is approximately 30 metres
- Distance from C to D - no less than Start Line and minimum of 50 metres
- Race Committee Vessel Start
- Marks A & B to Port
- Boats traversing the gate must have Mark D to port and Mark C to starboard
- Course:-

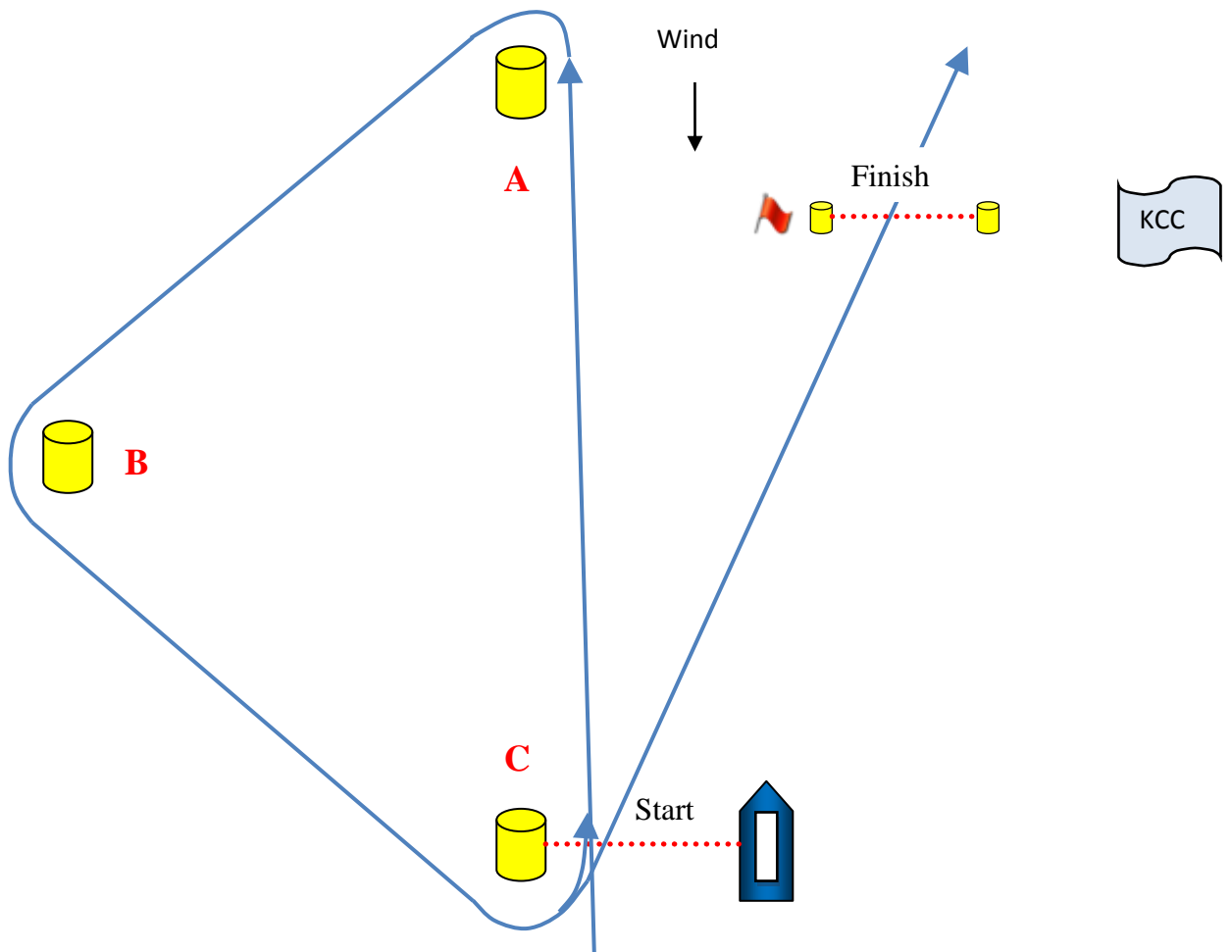
Start, A, B, Gate..... A, B, Gate..... A, B, Gate Finish



28.2 Course B – Olympic Series

- 2 races scheduled per day
- Course length aimed at 35 - 45 minutes for the fastest boat (approx 1.0 nautical miles from C to A - ± depending on wind strength)
- Angle ABC is approximately 90 degrees
- Race Committee Vessel Start
- Marks to Port
- Course:-

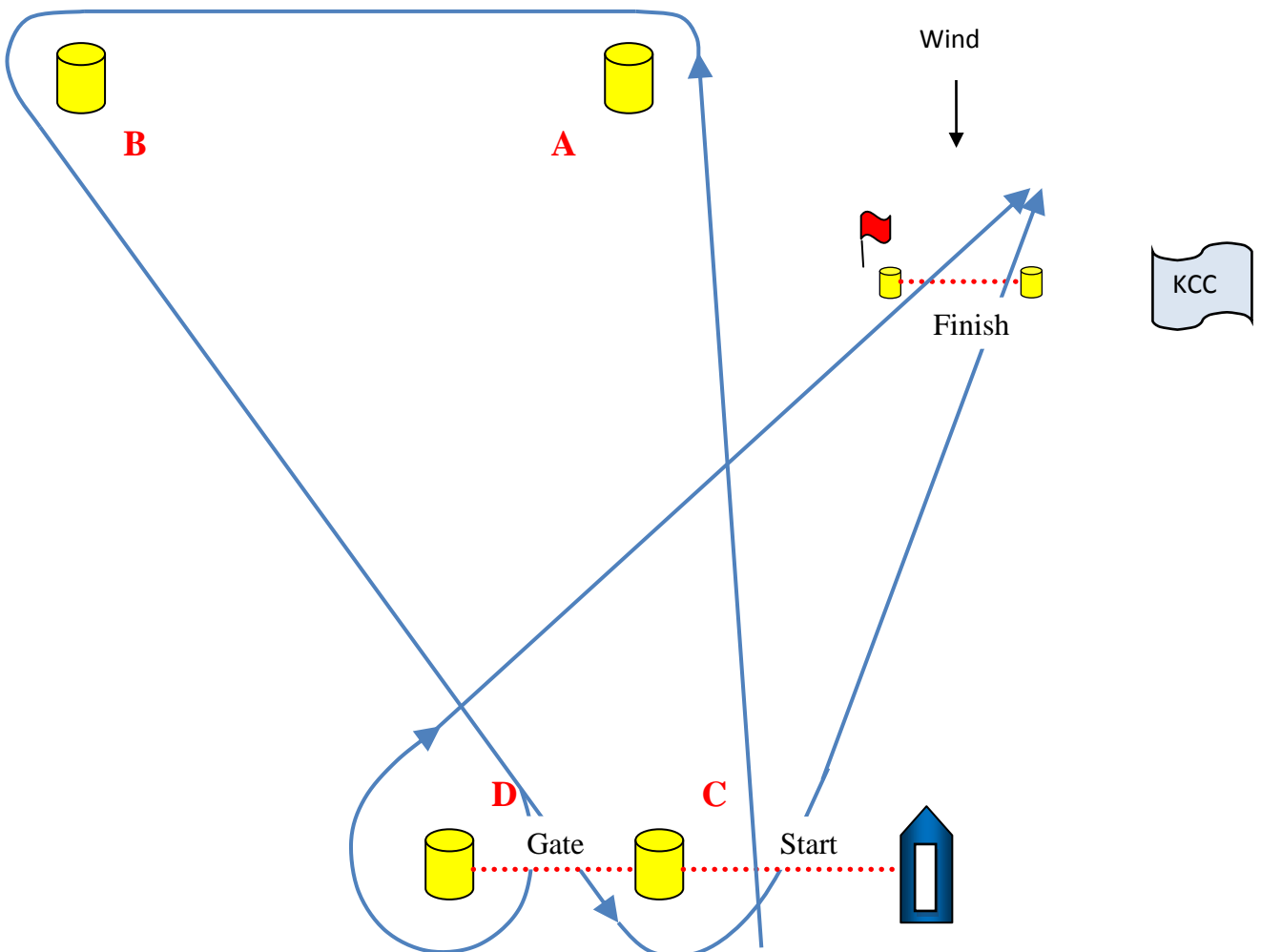
Start, A, B, C, A, B, C, Finish.



28.3 Course C – John Goodier Memorial Challenge

- 2 races scheduled per day
- Course length aimed at 35 - 40 minutes for the fastest boat (approx 1.0 nautical mile from C to A - ± depending on wind strength)
- The angle BAC is approximately 90 degrees
- Distance from A to B is approximately 1/2 the distance of C to A
- Leeward gate is between D and C and is approximately 50 – 100 metres wide.
- Race Committee Vessel Start
- Marks to Port (except Gate)
- Boats traversing the gate must leave Mark C to port and Mark D to starboard
- Course:-

Start, A, B, Gate A, B, Gate, Finish

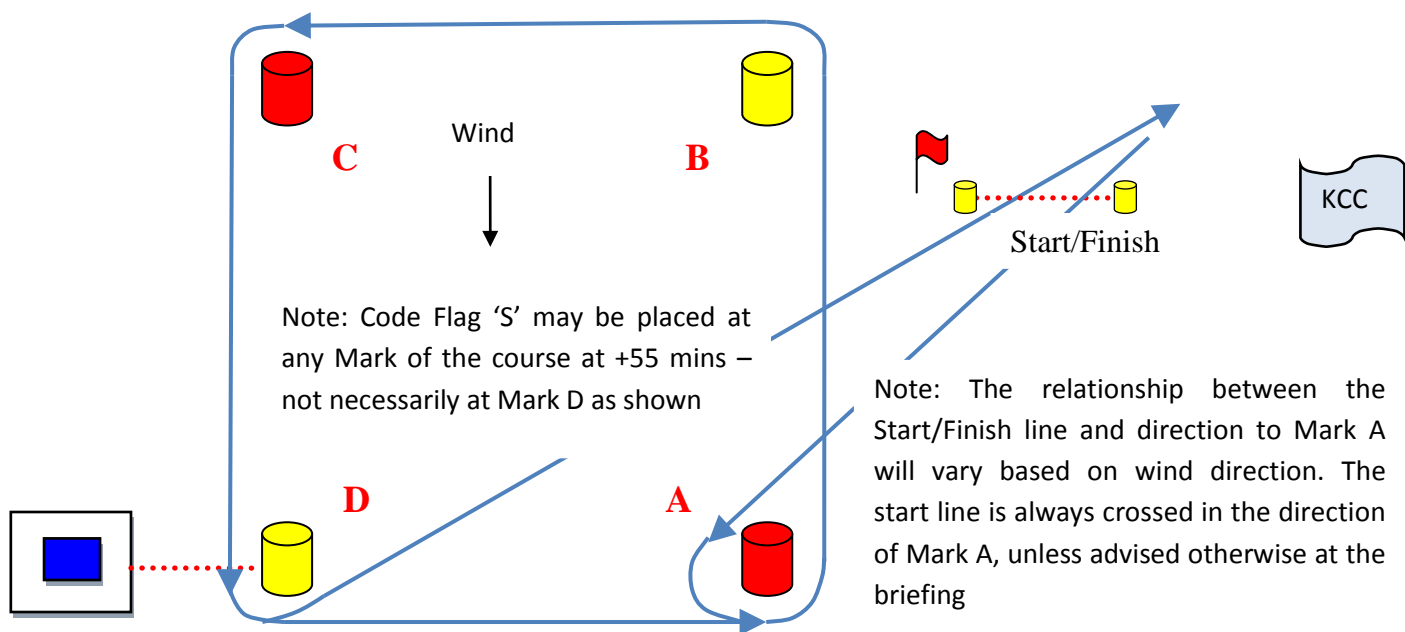


28.4 Course D - Sprint Challenge Series

- 3 races scheduled.
- Course length aimed at boats taking 20-30 minutes per lap (approx 0.7 nautical mile legs forming a square - ± depending on wind strength).
- Clubhouse Start
- Shorten Course Race Signal is laid in front of the leading boat at +55 minutes as per SI 12
- All boats must complete the same number of laps and legs.
- For the Sprint Challenge SI 9 is changed to read *“Marks B and D are large yellow inflatable buoys marked with the letters KCC. Marks A and C are large red inflatable buoys. Additional special marks may be indicated in the course attachments or at the Race Briefing.”*
- All Marks to Port
- Course:-

Clubhouse Start, A, B, C, D, repeating until Shorten Course Flag (refer SI 12 - Finish)

Note: Do not include the Start to A leg as part of the repeat, just the A,B,C,D. The shorten course flag shall be placed at the next mark to be rounded by the leading boat at +55 minutes from 0 minutes start time. However, should the Boat Captain of the KCC Committee Vessel estimate that the leading boat will round the next mark no earlier than +53 minutes, the Boat Captain may elect, at his/her absolute discretion, to shorten course at this mark. **Errors by the Boat Captain in estimating the leading boat's rounding time shall not be grounds for protest.**



28.5 **Australia Day / Marathon Course**

Advised at the Race Briefing on the day.

28.6 **Darren Lowder Memorial Trophy Course**

Advised at the Race Briefing on the day.

28.7 **Presidents Cup / Captain Cook Trophy Course**

Advised at the Race Briefing on the day.

28.8 **Other Regattas/Events/Courses**

As per the Regatta/Event Sailing Instructions or as advised at the briefing.

End of Sailing Instructions