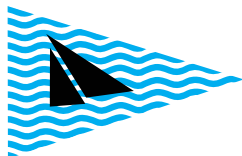




# CRONULLA SAILING CLUB

(INCORPORATING PORT HACKING OCEAN YACHT CLUB)

[www.cronullasc.com](http://www.cronullasc.com)



**Published by  
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## APPENDIX 1

# COURSES

- (a) (i) For Category 3 and 4 races, the course shall be one of those as designated for the day in the Racing Programme contained in these Sailing Instructions unless amended by the Race Committee in accordance with S.I. 4(a) Temporary Alterations, 7(b) Re-sail, 13 Reporting or 16(a) Radio Communications, or a separate Notice of Race.
- (ii) For Category 7 races, the course shall be signified for the purposes of the Sailing Instructions by numeral pennants displayed from the mast of the Race Committee boat corresponding to the course numbers in this Appendix.
- (iii) When a course is changed from that designated in the Racing Programme, it will be changed at the discretion of the Race Committee.
- (b) For all races conducted on Bate Bay the Starter may indicate on a board near the mast of the Race Committee Boat and by radio using the race frequency, the approximate compass bearing of the next leg of the course.
- (c) **Special Obstructions**  
For the purpose of the definition "obstruction" and Rule 18, the area indicated by a cardinal mark or navigation mark in the estuary of the Hacking River shall rank as an obstruction.
- (d) **Bombora Mark**  
A mark laid ENE from Hacking Point. The position of the mark is approximately lat. 34° 04.3'S; long. 151° 10.9'E and it's location may be affected by the action of current and sea conditions.
- Note:** all boats shall pass to seaward of the Jibbon Bombora (lat. 34o 04.9'S: long. 151° 10.5'E) at all times.
- (e) **YNSW Marks in Port Jackson** (all starboard rounding - GPS datum AUS/GE066)
- |                         |                  |  |
|-------------------------|------------------|--|
| (i) Lady Bay Mark:      | Yellow spar buoy | (lat. 33° 50.08'S; long. 151° 16.61'E) |
| (ii) Manly West Mark:   | Yellow spar buoy | (lat. 33° 48.18'S; long. 151° 16.63'E) |
| (iii) Manly East Mark:  | Yellow spar buoy | (lat. 33° 48.20'S; long. 151° 16.73'E) |
| (iv) Shark Island Mark: | Yellow spar buoy | (lat. 33° 51.63'S; long. 151° 15.54'E) |
- (f) **Botany Bay Marks**
- |                             |                       |  |
|-----------------------------|-----------------------|--|
| (i) Captain Cook Buoy:      | Red pillar buoy       | (lat. 33° 59.9'S; long. 151° 13.1'E)   |
| (ii) Bare Isl. Starboard    | Mark: Green spar buoy | (lat. 33° 59.5'S; long. 151° 12.9'E)   |
| (iii) Botany Bay Waverider: | Yellow spherical buoy | (lat. 33° 58.87'S; long. 151° 10.24'E) |
- (g) **Other Marks** (GPS datum WGS84)
- |                       |  |
|-----------------------|--|
| (i) FAD Syd. East:    | Yellow conical buoy with X topmark<br>(lat. 33° 59.32'S; long. 151° 20.95'E)   |
| (ii) FAD Syd. South:  | Yellow conical buoy with X topmark<br>(lat. 34° 07.74'S; long. 151° 23.37'E)   |
| (iii) Waverider (WR): | Yellow Spherical buoy with aerial<br>(lat. 34° 02.43'S; long. 151° 15.18'E),<br>approximately 1NM East of Cape Baily |
- (h) The diagrams herein are for information only and do not form part of the Sailing Instructions.

## A. ESTUARY COURSES *See Fig 1.*

The marks shall be laid in the following vicinities:  
F - Cronulla Point (Fisheries) H - Hordern's Beach  
J - Jibbon Beach S - Sea Mark off Shelly Beach

### 1. NORTHEASTERLY WINDS

Marks F and H to Port, S and J to Starboard.  
Start at H to S, J, F, H, S, H, S, J, F, H, S to Finish at H.

### 2. SOUTHEASTERLY WINDS

Marks S and J to Port, F and H to Starboard.  
Start at F to J, S, H, F, J, F, J, S, H, F to Finish at J.

### 3. SOUTHERLY WINDS

Marks F and H to Port, S and J to Starboard.  
Start at S to J, F, H, S, J, S, J, F, H, S to Finish at J.

### 4. SOUTHWESTERLY WINDS

Marks S and J to Port, F and H to Starboard.  
Start at S to H, F, J, S, H, S, H, F, J, S to Finish at H.

### 5. NORTHWESTERLY WINDS

Marks F and H to Port, S and J to Starboard.  
Start at J to F, H, S, J, F, J, F, H, S, J to Finish at F.

Where a course is sailed as a storm course, boats shall continue to sail figure 8 until advised to finish.

## B. BATE BAY COURSES *See Fig 1.*

### PASSAGE COURSES

The marks shall be laid in the following vicinities:

E - Estuary B - Boat Harbour (lat. 34° 02.4'S; long. 151° 11.4'E)

C - NE of Hacking Point K - Kingsway (lat. 34° 03.3'S; long. 151° 09.7'E)

J - Jibbon Mark (p) Port Rounding (s) Starboard Rounding

**Note:** all boats shall pass to seaward of Shark Islet at all times.

### 6. BATE BAY PASSAGE

Marks are the same as courses 9 and 10. Start and Windward Marks laid in Bate Bay Offshore Div 1, Inshore Div 1, Multihulls & Cruising Offshore: Start to Windward Mark(p), B(p), K(p), J(p), Windward Mark(p), Leeward Mark (p), Windward Mark(p) to Finish.  
Inshore Div 2 and Cruising/ Non spinnaker: Start to Windward Mark(p), B(p), K(p), J(p), Windward Mark(p) to Finish.

### 7. BATE BAY PASSAGE - Northerly or Southerly Winds

Offshore Div, Inshore Div 1, Multihulls & Cruising Offshore : Start at E to B(p), K(p), B(p), E(p), B(p), K(p), to finish at E.  
Inshore Div 2 and Cruising/ Non Spinnaker: Start at E to B(p), K(p), B(p), to finish at E.

### 8. BATE BAY PASSAGE - Easterly or Westerly Winds

Mark C to be laid to suit wind direction relative to Mark K, 1.5NM  
Offshore Div 1, Inshore Div 1, Multihulls & Cruising Offshore: Start at E to K(s), C(s), K(s), B(s), C(s), K(s), C(s), to finish E I  
Inshore Div 2 and Cruising/ Non Spinnaker: Start at E to K(s), C(s), K(s), B(s), C(s), to finish at E.

### 9. BATE BAY PASSAGE - Easterly, Northwesterly or Southwesterly Winds

For Winter Div. 1:  
Start at E to C(p), K(s), B(s), E(p), C(p), E(p), C(p), K(p), to Finish at E.  
For Winter Div. 2:  
Start at E to C(p), K(s), B(s), E(p), C(p), to Finish at E.

### 10. BATE BAY PASSAGE - Westerly, Northeasterly or Southeasterly Winds

For Winter Div. 1 and Multihull: Start at E to B(p), K(p), C(s), E(s), C(s), E(s), B(p), to Finish at E.  
For Winter Div.2, Cruising and Non Spinnaker: Start at E to B(p), K(p), C(s), E(s), C(s), to Finish at E.

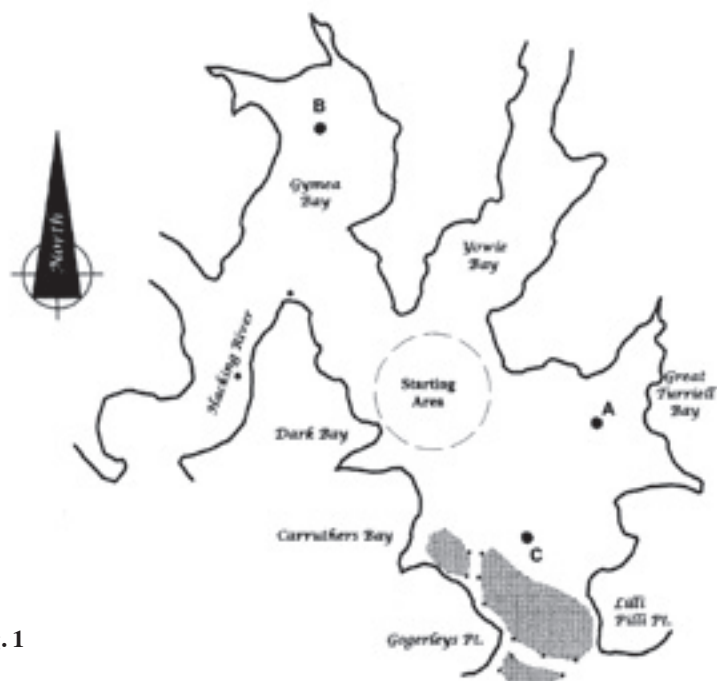


Fig. 1

## WINDWARD / LEEWARD COURSES

### BATE BAY WINDWARD / LEEWARD

Separate Start and Finish Lines will be laid to leeward in Bate Bay. The start line will be between the signal mast of the Race Committee Boat and a mark laid to port and the finish line will be between the signal mast and a mark laid to starboard. Up to three differently coloured top marks may be laid approximately 1.5NM to windward of the RCB to allow for varying wind directions and the RCB will indicate on a white-board before the start which one of the top marks will be Mark 1 for that race and give the approximate bearing to the mark. Each boat should check the top mark with the RCB before each race. The bottom Mark 2 will be laid approximately 100m to windward of the RCB. All divisions: Start to 1(p), 2(p), 1(p), to Finish.

### SPRINT / TRIANGLE COURSES

Up to three differently coloured top marks may be laid to windward of the RCB to allow for varying wind directions and the RCB will indicate on a white-board before the start which one of the top marks will be Mark 1 for that race and give the approximate bearing to the mark. Each boat should check the top mark with the RCB before each race. The bottom Mark 3 will be laid approximately 100m to windward of the RCB and the wing Mark 2 will be laid to form a 45° - 90° - 45° triangle with Mark 1 and Mark 3. The RCB will be to leeward of Mark 3 with the start line and finish line laid to port.

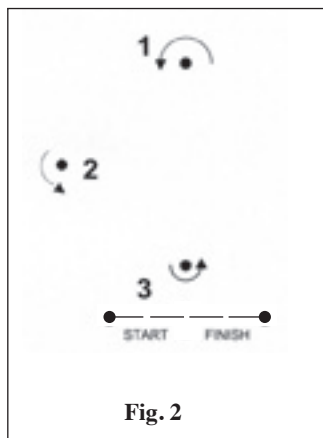
12. **Windward leg 1.5NM**  
**TRIANGLE for all Divisions:**  
Start to 1(p), 2(p), 3(p), 1(p), to Finish.
13. **Windward leg 0.8NM**  
**SPRINT for Etchells:**  
Start to 1(p), 3(p), 1(p), to Finish.  
**SPRINT for Inshore Div 2:**  
Start to 1(p), 3(p), 1(p), to Finish.
14. **Windward leg 0.8NM**  
**SPRINT for Etchells:**  
Start to 1(p), 3(p), 1(p), to Finish.  
**PASSAGE for Inshore Div 2:**  
Start to 1(p), B(p), K(p), B(p), K(p), 1(p), to Finish.
15. **Windward leg 1.3NM**  
**SPRINT for Etchells:**  
Start to 1(p), 3(p), 1(p), to Finish.

#### **TRIANGLE for Inshore Div 2 and Cruising Inshore:**

Start to 1(p), 3(p), 1(p), 2(p), 3(p), 1(p), to Finish.

#### **TRIANGLE for Inshore Div 1, Offshore Div 1, Cruising Offshore and Multihull:**

Start to 1(p), 3(p), 1(p), 2(p), 3(p), 1(p), 3(p), 1(p), 2(p), Finish



**Fig. 2**

## C. UP RIVER COURSES *See Fig 2.*

The marks shall be laid in the following vicinities:

A - Great Turriell Bay

B - Gymea Bay

C - Gogerleys Point

17. **Starboard Course (North Easterly winds)**  
Start to A, C, B, A, C, B, A, C, B to Finish at A.  
**Port Course (South Easterly winds)**  
Start to C, A, B, C, A, B, C, A, B, C to Finish at A.
18. **Starboard Course (North Westerly winds)**  
Start to B, A, C, B, A, C, B to Finish at A.  
**Port Course (South Westerly winds)**  
Start to B, C, A, B, C, A, B, C to Finish at A.

## D. OFFSHORE COURSES

\*\* Start/Finish Line when the club committee boat is not in attendance.

The start / finish line shall be a transit from the monument at Bass & Flinders point to the split rock at Gunyah Point.

19. **MARLEY**  
From the starting line, proceed to the Bombora (stbd) Mark leaving the mark to starboard, thence to a mark located approximately 1.5NM East of Marley Beach (lat. 34° 07.5'S; long. 151°10.1'E) rounding the mark to port, thence to the Bombora Mark rounding the mark to port, thence to the finishing line. This mark may be substituted with the GPS rounding procedure (see page 5)(10NM)  
**Note:** all boats shall pass to seaward of the Jibbon Bombora (lat. 34° 04.9'S; long. 151° 10.5'E).
20. **CAPTAIN COOK BUOY**  
From the starting line, proceed to Botany Bay and turn to starboard after crossing the 'Captain Cook Transit Line', thence to the finishing line in Port Hacking. Transit Line: A line from the Flag Mast with yard arm at lat 34°0.155'S; long. 151° 13.281'E through the Captain Cook Buoy (lat. 33° 59.9'S; long. 151° 13.2'E). Boats must pass north of the Captain Cook Buoy.  
*Record: 1h.45'49" Jan. '10 - Warren & Kristy Buchan - "ColorTile" - Sayer 44.*
21. **WAVERIDER - WATTAMOLLA**  
From the starting line, proceed to the Waverider leaving the mark to starboard, thence to a mark\* (stbd) located approximately 1.5NM East of Wattamolla Beach (lat. 34° 08.6'S; long. 151° 09.0'E), thence to the finishing line. (14NM)  
The starter will advise (Flag L) if mark\* is to be substituted by GPS Rounding Procedure.  
**Note:** all boats shall pass to seaward of the Jibbon Bombora (lat. 34° 04.9'S; long. 151°10.5'E).  
*Record: 2h.20'25". Feb '14 - W & K Buchan - "ColorTile" - Sayer 44*
23. **BOTANY BAY VIRTUAL MARK**  
From the starting line, proceed to Botany Bay for a virtual rounding procedure at GPS position lat. 33°58.87'S; long. 151° 10.24'E (stbd), thence to Port Hacking to the finishing line. (22NM)  
Procedure for rounding a GPS position is described in Rule 9(c), see page 5.  
**Note:** all boats shall keep clear of the Port Botany shipping channel and observe the Kurnell cardinal marks.  
*Record: 2h.29'06". Sept '13 - W & K Buchan - "ColorTile" - Sayer 44*

24. **PORT HACKING TO WATSONS BAY**  
From the starting line, proceed to Port Jackson to the finishing line, between the Eastern Channel Pile Light and the Obelisk on the foreshore of Laings Point, Watsons Bay, crossing from North to South. (18NM)  
*Record: 2h.6m. Nov. '82 - Bob Drummond - "If Only" - S111.*
25. **WATSONS BAY TO PORT HACKING**  
From the starting line, being a line between the Eastern Channel Pile Light in Port Jackson and the Obelisk on the foreshore of Laings Point, Watsons Bay, proceed to South Head, thence to Port Hacking to the finishing line. (19NM)  
*Record: 2h.14'30" Feb. '93 - Phil Bates - "Passing Wind" - Adams 10.*
26. **WAVERIDER - MARLEY - BOAT HARBOUR**  
From the starting line, proceed to the Waverider buoy (stbd), thence to a mark\* (stbd) located approximately 1.5NM East of Marley Beach (lat. 34° 07.5'S; long. 151° 10.1'E), thence to the Boat Harbour mark (port), thence to the finishing line. (20NM)  
The starter will advise (Flag L) if mark\* is to be substituted by GPS Rounding Procedure.  
**Note:** all boats shall pass to seaward of the Jibbon Bombora (lat. 34° 04.9'S; long. 151° 10.5'E).  
*Record: 2h.22'34". Nov '13 - W & K Buchan - "ColorTile" - Sayer 44*
27. **CLARKE ISLAND TO PORT HACKING**  
From the starting line in Port Jackson, being a transit bearing 206 true from the Clarke Island Starboard mark (lat. 33° 51.814'S; long. 151° 14.488'E) to the Flag mast on the Darling Point public jetty, distance 0.2NM, (lat. 33° 52.0'S; long. 151° 14.4'E) proceed to South Head, thence to Port Hacking to the finishing line.  
*Record: 2h.08'05" Nov. '09 - W & K Buchan - "ColorTile"- Sayer 44.*





Fig. 3



**Fig. 4.**

**28. BOTANY BAY MARKS**

From the starting line, proceed to Botany Bay to the Port Botany No. 10 Special Mark (port), to the Georges River Eastern Outer Channel Mark (port), to the Port Botany No. 8 Port Mark (stbd), thence to Port Hacking to the finishing line. (24NM)  
*Record: 2h.40'09" Feb. '05 - Matt Short - "Short Shipped" - Farr 40.*

**29. WEDDING CAKE ISLAND**

From the starting line, proceed to Wedding Cake Island (lat. 33° 55.7'S; long. 151° 5.8'E) rounding the island to starboard, thence to Port Hacking to the finishing line. (24NM)  
*Record: 2h.28'45" Oct. '02 - Warren Buchan - "Stampede" - Inglis 39.*

**30. PORT HACKING TO CLARKE IS. VIA MANLY COVE**

From the starting line, proceed to Manly Cove in Port Jackson to the Manly West YNSW Mark (stbd), to the Manly East YNSW Mark (stbd), to Shark Island leaving the YNSW Mark and the adjacent South and West Cardinal Marks to starboard, thence to the Clarke Island finishing line between the Clarke Island Starboard mark (Lat. 33° 51.814'S; long 151° 14.488'E) to the Flag mast on the Darling Point public jetty (Bearing 206°T), Distance 23 0.2NM, (lat. 33° 52.0'S long. 151° 14.4'E). (26NM)  
*Record: 3h.12'10" Feb. '27 - Warren & Kristy Buchan - "ColorTile".*

31. **BOTANY BAY TO PORT JACKSON TO PORT HACKING**  
 From the starting line between the mast of the Starter's boat and a mark laid in the vicinity of the Captain Cook Buoy in Botany Bay, proceed to Port Jackson to the Lady Bay YNSW Mark (stbd), thence to Port Hacking to the finishing line. (31NM)  
*Record: 3h.57'03" Jan. '05 - Matt Short - "Short Shipped" - Farr 40.*
32. **PORT HACKING TO PITTWATER**  
 From the starting line, proceed via Barrenjoey Head to Pittwater to the finishing line being a line bearing 287° true from the port lateral mark (lat. 33° 35.7'S; long. 151° 18.8'E) to the jetty on Great Mackerel Beach. (35NM)  
*Record: 4h.11'43" Feb. '04 - Warren Buchan - "Stampede" - Inglis 39.*
34. **PITTWATER TO PORT HACKING**  
 From the starting line, being a line bearing 287° true from the port lateral mark (lat. 33° 35.7'S; long. 151° 18.8'E) to the jetty on Great Mackerel Beach, proceed to Barrenjoey Head, thence to Port Hacking to the finishing line. (36NM)  
*Record: 5h.29m. Nov. '90 - N. Ryan/K. Ewings - "Sundowner" - Farr 1104.*
35. **PORT JACKSON**  
 From the starting line, proceed to Port Jackson to the Lady Bay YNSW Mark (stbd), thence to Port Hacking to the finishing line. (36NM)  
*Record: 4h.43m. Oct. '81 - Warren Grounds - "Sweet Fanny" - Adams 10.*
36. **FLINDERS ISLET**  
 From the starting line, proceed to the Bombora Mark leaving the mark to starboard, thence to Flinders Islet (lat. 34° 27.5'S; long. 150° 55.8'E, the north western-most island of the Tom Thumb Islands) rounding the island to port, thence to Port Hacking to the finishing line. (56NM)  
**Note:** all boats shall pass to seaward of the jibbon Bombora (lat. 34° 04.9'S; long. 151° 10.5'E).  
*Record: 6h.25'53" Dec. '05 - Matt Short - "Short Shipped" - Farr 40.*
37. **LION ISLAND**  
 From the starting line, proceed to Broken Bay to Lion Island (lat. 33° 33.5'S; long. 151° 19.1'E) rounding the island to port, thence to Port Hacking to the finishing line. (71NM)  
*Record: 9h.00'33" Mar.'10 - Warren Buchan - "ColorTile" - Sayer 44.*
39. **BATE BAY WINDWARD / LEEWARD**  
 Separate Start and Finish Lines will be laid to leeward in Bate Bay. The start line will be between the signal mast of the Race Committee Boat and a mark laid to port and the finish line will be between the signal mast and a mark laid to starboard. Up to three differently coloured top marks may be laid approximately 1.5NM to windward of the RCB to allow for varying wind directions and the RCB will indicate on a white-board before the start which one of the top marks will be Mark 1 for that race and give the approximate bearing to the mark. Each boat should check the top mark with the RCB before each race. The bottom Mark 2 will be laid approximately 100m to windward of the RCB.  
**All divisions:** Start to 1(p), 2(p), 1(p), to Finish.

40. **BOTANY BAY TO BONDI TO PORT HACKING**  
From the starting line between the mast of the Starter's boat and a mark in the vicinity of the Captain Cook Buoy in Botany Bay, proceed to Bondi to the yellow pillar buoy (lat. 33° 53.7'S, long. 151° 18.9'E) moored approximately 1.5NM East of Ben Buckler rounding the mark to starboard, thence to Port Hacking to the finishing line. (24NM)  
**Note:** The Bondi mark and its mooring lines shall be treated as an obstruction and boats are warned to keep at least 2 boat lengths from the mark.  
*Record: 3h.09"20". Jan '14 - W & K Buchan - "ColorTile" - Sayer 44*
41. **CAPTAIN COOK BUOY, ESTUARY, BOAT HARBOUR & RETURN**  
From the starting line, proceed to Botany Bay and turn to starboard after crossing the 'Captain Cook Transit line', thence to the Port Hacking starting line pin end mark (stbd), to the Boat Harbour mark (port), thence to the finishing line in Port Hacking.  
**Transit Line:** A line from the Flag Mast with yard arm at lat 34° 0.155'S: long. 151° 13.281'E through the Captain Cook Buoy (lat. 33° 59.9'S: long. 151° 13.2'E). Boats must pass north of the Captain Cook Buoy. (23NM)  
*Record: 2h.23"14" Mar. '05 - Matt Short - "Short Shipped" - Farr 40.*
42. **ESTUARY STORM COURSE**  
From the starting line in Port Hacking, proceed to the Jibbon mark, thence to the Hordens Beach mark, thence to the Fisheries mark, thence to the Hordens Beach mark, thence to the Fisheries mark, thence to the finishing line. All marks to be rounded to starboard.
43. **BOTANY BAY TO WEDDING CAKE ISLAND TO PORT HACKING**  
From the starting line between the mast of the Starter's boat and a mark in the vicinity of the Captain Cook Buoy in Botany Bay, proceed to Wedding Cake Island (lat. 33° 55.7'S; long. 151° 15.8'E) rounding the island to starboard, thence to Port Hacking to the finishing line. (19NM)  
*Record: 5h.06"58" Jan. '08 - Peter Hamilton - "Slipstream" - Beal 34.*
45. **PORT HACKING TO BONDI & RETURN**  
From the starting line, proceed to Bondi to the yellow pillar buoy (lat. 33° 53.7'S, long. 151° 18.9'E) moored approximately 1.5NM East of Ben Buckler rounding the mark to starboard, thence to Port Hacking to the finishing line. (29NM)  
**Note:** The Bondi mark and its mooring lines shall be treated as an obstruction and boats are warned to keep at least 2 boat lengths from the mark.  
*Record: 3h.21"15". Nov '12 - W & K Buchan - "ColorTile" - Sayer 44*
46. **PORT HACKING TO WAVERIDER & RETURN**  
From the starting line, proceed to the Waverider yellow spherical buoy (lat. 34° 02.435'S, long. 151° 15.182'E) moored approximately 1.0NM East of Cape Baily rounding the mark to port, thence to Port Hacking to the finishing line. (10NM)  
**Note:** The Waverider buoy and its mooring lines shall be treated as an obstruction and boats are warned to keep at least 2 boat lengths from the mark.  
*Record: 1h.25"19" Nov. '07 - Jeff Eason - "Cut Loose" - Adams 13.*

50. **NAVIGATION RACE - 18nM**  
 From the start line in Port Hacking sail to the line of latitude 151° 20.00'E and turn after crossing this line, then sail to the finish at Port Hacking. This is also a navigation exercise to establish where to cross for the quickest time to return. The turning or track must be recorded as per 'Turning at a GPS mark (See Fig.3)
52. **PORT HACKING TO MANLY - SHARK ISLAND & RETURN**  
 From the starting line, proceed to Manly Cove in Port Jackson to the Manly West YNSW Mark (stbd), to the Manly East YNSW Mark (stbd), thence to Shark Island rounding the YNSW Mark and the adjacent South and West Cardinal Marks to starboard, thence to Port Hacking to the finishing line. (51NM)  
*Record: 5h.44'33" Oct. '09 - Warren Buchan - "ColorTile" - Sayer 44.*
53. **PORT HACKING TO CLARKE IS. via SHARK ISLAND**  
 From the starting line, proceed to Port Jackson to Shark Island leaving the YNSW Mark and the adjacent South and West Cardinal Marks to starboard, thence to the Clarke Island finishing line, between the Clarke Island Starboard mark (lat. 33° 51.814'S; long. 151° 14.488'E) to the Flag mast on the Darling Point public jetty (bearing 206°T), distance 0.2NM, (lat. 33° 52.0S: Long. 151° 14.4'E). (24NM)  
*Record: 3h.24'18". Mar '14 - Warren & Kristy Buchan - "ColorTile" - Sayer 44*
54. **FAD SYDNEY EAST**  
 From the starting line, proceed to the FAD Sydney East (lat. 33° 59.32'S; long. 151° 20.95'E) rounding the mark to starboard, thence to Port Hacking to the finishing line. (23NM)  
**Note:** The mark and boats fishing in the vicinity shall be treated as obstructions and boats are warned to keep at least 2 boat lengths from the mark.  
*Record: 2h.35'29" Mar. '07 - Matt Short - "Short Shipped" - Farr 40.*
56. **CAPT. COOK BUOY, BOMBORA, KINGSWAY, BOAT HARBOUR**  
 From the starting line, proceed to Botany Bay to the Captain Cook Transit Line (stbd), to the Bombora Mark (stbd), to the Kingsway Mark (stbd), to the Boat Harbour Mark (port), thence to Port Hacking to the finishing line.  
**Transit Line:** A line from the Flag Mast with yard arm at lat 34° 0.155'S; long. 151° 13.281'E through the Captain Cook Buoy (lat. 33° 59.9'S; long. 151° 13.2'E).  
 Boats must pass north of the Captain Cook Buoy. (22NM)  
*Record: 2h.48'29" Sept. '09 - W & K Buchan - "ColorTile" - Sayer 44.*
57. **FAD SYDNEY EAST - WEDDING CAKE IS. & RETURN**  
 (Southern sector winds)  
 From the starting line, proceed to the FAD Sydney East (lat. 33° 59.32'S; long. 151° 20.95'E) rounding the mark to port, thence to Wedding Cake Island (lat. 33° 55.7'S; long. 151° 15.8'E) rounding the island to starboard, thence to Port Hacking to the finishing line. (31NM)  
**Note:** The FAD mark and boats fishing in the vicinity shall be treated as obstructions and boats are warned to keep at least 2 boat lengths from the mark.  
*Record: 3h.41'11" Feb. '09 - Bruce McKay - "Wasabi" - Sayer 12.*

58. **WEDDING CAKE IS. - FAD SYDNEY EAST & RETURN**  
(Northern sector winds)  
From the starting line, proceed to Wedding Cake Island (lat. 33° 55.7'S; long. 151° 15.8'E) rounding the island to starboard, thence to FAD Sydney East (lat. 33° 59.32'S; long. 151° 20.95'E) rounding the mark to starboard, thence to Port Hacking to the finishing line. (31NM)  
**Note:** The FAD mark and boats fishing in the vicinity shall be treated as obstructions and boats are warned to keep at least 2 boat lengths from the mark.
59. **WINDWARD / LEEWARD COURSE**  
EAST, SOUTHEAST, NORTHWEST OR WEST WINDS  
Mark C to be laid to suit wind direction relative to Mark K, 1.5NM.  
**For Offshore Div 1 and Inshore Div 1:** Start at E to C(p), K(p), C(p), K(p), C(p), K(p), to Finish at E. (10NM)  
**Inshore Div 2 and Etchells:** Start at E to C(p), K(p), C(p), K(p), to Finish at E. (7NM)
60. **WINDWARD / LEEWARD COURSE**  
NORTHEAST OR SOUTHWEST WINDS  
**For Offshore Div 1 and Inshore Div 1:**  
Start at E to B(p), K(p), B(p), K(p), B (p), to Finish at E. (12NM)  
Record: 2h.23'14" Mar. '05 - Matt Short - "Short Shipped" - Farr 40.  
**Inshore Div 2 and Etchells:**  
Start at E to B(p), K(p), B(p), K(p), to Finish at E. (9NM)
61. **WINDWARD / LEEWARD COURSE**  
NORTH OR SOUTH WINDS  
**For Offshore Div 1 and Inshore Div 1:**  
Start at E to C(p), B(p), C(p), B(p), C(p), B(p), to Finish at E. (14NM)  
**Inshore Div 2 and Etchell:**  
Start at E to C(p), B(p), C(p), B(p), to Finish at E. (10NM)
62. **CAPT. COOK BUOY, KINGSWAY, BOAT HARBOUR**  
From the starting line, proceed to Botany Bay to the Captain Cook Transit Line (stbd), to the Kingsway Mark (stbd), to the Boat Harbour Mark (port) thence to Port Hacking to the finishing line.  
**Transit Line:** A line from the Flag Mast with yard arm at lat 34° 0.155'S; long. 151° 13.281'E through the Captain Cook Buoy (lat. 33° 59.9'S; long. 151° 13.2'E). Boats must pass north of the Captain Cook Buoy. (21NM)  
**Note:** all boats are warned to avoid the Merries Reef southwest of Boat Harbour.  
*Record: 2h.16'11" Mar 2010 - W & K Burchan - "ColorTile" (Waverider x 2)*
63. **WAVERIDER BUOY DOUBLE**  
From the starting line, proceed to the Waverider yellow spherical buoy (lat. 34° 02.435'S, long. 151° 15.182'E) moored approximately 1.0NM East of Cape Baily rounding the mark to starboard, to the Port Hacking starting line pin-end mark (stbd), to the Waverider buoy (stbd), thence to Port Hacking to the finishing line. (22NM)  
**Note:** The Waverider buoy and its mooring lines shall be treated as an obstruction and boats are warned to keep at least 2 boat lengths from the mark.

64. **ERA BEACH & RETURN**  
 From the starting line, proceed to the Bombora Mark leaving the mark to starboard, thence to a mark\* (stbd) located approximately due East of Era Beach (lat. 34° 11.4'S, long. 151° 03.9'E), thence to Port Hacking to the finishing line. (23NM)  
 The starter will advise (Flag L) if mark\* is to be substituted by GPS Rounding Procedure.  
**Note:** all boats shall pass to seaward of the Jibbon Bombora (lat. 34° 04.9'S; long. 151° 10.5'E).  
*Record: 2h.27'19" Apr.'11. - Warren Buchan - "ColorTile" - Sayer 44*
65. **KINGSWAY, BOMBORA, WAVERIDER, KINGSWAY, BOMBORA, BOAT HARBOUR**  
 From the starting line, proceed to the Kingsway Mark (stbd), to the Bombora Mark (port), to the Waverider buoy (port), to the Kingsway Mark (port), to the Bombora Mark (port), to the Boat Harbour Mark (port), thence to Port Hacking to the finishing line. (17NM)  
**Note:** all boats are warned to avoid Shark Islet off Cronulla Point and the Merries Reef southwest of Boat Harbour.  
*Record: 2h.57'52" Mar. '09 - Chris Bran - "Brannie Three" - Farr 40.*
67. **WAVERIDER, BOMBORA, KINGSWAY, BOAT HARBOUR**  
 From the starting line, proceed to the Waverider buoy (stbd), to the Bombora Mark (stbd), to the Kingsway Mark (stbd), to the Boat Harbour Mark (port), thence to Port Hacking to the finishing line. (15NM)
68. **WAVERIDER, KINGSWAY, BOAT HARBOUR**  
 From the starting line, proceed to the Waverider buoy (port), to the Kingsway Mark (stbd), to the Boat Harbour Mark (port) thence to Port Hacking to the finishing line. (14NM)  
**Note:** all boats are warned to avoid the Merries Reef southwest of Boat Harbour.
69. **WAVERIDER, ESTUARY, BOAT HARBOUR & RETURN**  
 From the starting line, proceed to the Waverider buoy (port), to the Port Hacking starting line pin-end mark (stbd), to the Boat Harbour mark (port), thence to Port Hacking to the finishing line. (16NM)  
*Record: 2h.24"15'. Mar '14 - Bruce Mckay - "Wasabi"*
71. **WAVERIDER - FAD SYDNEY SOUTH**  
 From the starting line, proceed to the Waverider buoy (stbd), to the FAD Sydney South (lat. 34° 07.736'S; long. 151° 23.373'E, stbd), thence to Port Hacking to the finishing line. (25NM)  
**Note:** The mark and boats fishing in the vicinity shall be treated as obstructions and boats are warned to keep at least 2 boat lengths from the mark.
72. **FAD SYDNEY EAST - FAD SYDNEY SOUTH**  
 From the starting line, proceed to the FAD Sydney East (lat. 33° 59.32'S; long. 151°20.95'E, stbd), to the FAD Sydney South (lat. 34° 07.736'S; long. 151° 23.373'E, stbd), thence to Port Hacking to the finishing line. (31NM)  
**Note:** The mark and boats fishing in the vicinity shall be treated as obstructions and boats are warned to keep at least 2 boat lengths from the mark.  
*Record: 3h.54"04'. Mar '14 - W & K Buchan - "ColorTile" - Sayer 44*

73. **NAVIGATORS CUP OFFSHORE DIV 1 AND CRUISING OFFSHORE**  
 From the starting line, proceed to Botany Bay to the Captain Cook Transit Line (stbd) Transit Line: A line from the Flag Mast with yard arm at lat 34° 0.155'S; long. 151° 13.281'E through the Captain Cook Buoy (lat. 33° 59.9'S; long. 151° 13.2'E). Boats must pass north of the Captain Cook Buoy. Proceed to Wedding Cake Island (lat. 33° 55.7'S; long. 151° 15.8'E) rounding the island to starboard, thence to Port Hacking to the finishing line.
74. **NAVIGATORS CUP INSHORE DIV 1, CRUISING INSHORE AND MULTI HULLS**  
 From the starting line, proceed to Botany Bay and turn to starboard after crossing the 'Captain Cook Transit Line', then to the Waverider buoy (stbd), thence to the finishing line in Port Hacking. Transit Line: A line from the Flag Mast with yard arm at lat 34° 0.155'S; long. 151° 13.281'E through the Captain Cook Buoy (lat. 33° 59.9'S; long. 151° 13.2'E). Boats must pass north of the Captain Cook Buoy.
75. **NAVIGATORS CUP INSHORE DIVISION 2 AND NON SPINNAKER DIVISION**  
 From the starting line, proceed to Botany Bay to the Captain Cook Transit Line (stbd) Transit Line: A line from the Flag Mast with yard arm at lat 34° 0.155'S; long. 151° 13.281'E through the Captain Cook Buoy (lat. 33° 59.9'S; long. 151° 13.2'E). Boats must pass north of the Captain Cook Buoy, to Port Hacking to the finishing line.

## APPENDIX 2

# HANDICAP SYSTEMS

## OFFSHORE DIVISIONS

### 1. HANDICAP SYSTEMS

- (a) Three systems of handicapping will be used as follows:
- (i) IRC Time Correction Coefficient (TCC): As provided by a current, valid IRC rating certificate issued for the boat.  
 The TCC shall be used for an IRC Point Score Trophy based upon the same races as the Ron Pert Tasman Sea Trophy.
- (ii) Rating Based Handicap (RBH): Derived from information on a valid IRC rating certificate for the boat. Where a boat has not been measured, the RBH may be based on information applicable to the same class of boat and may be adjusted for differences in performance or equipment as necessary, as determined by the Club Measurer. All Rating Based handicaps will be reviewed at the end of the season and may be adjusted based upon each boat's performance.
- The RBH shall be used for the following trophies:
- |                        |                                   |
|------------------------|-----------------------------------|
| Mehitabel Trophy       | Overall RBH Point Score           |
| Blue Water Trophy      | Two Handed RBH Point Score        |
| Kevin Armstrong Trophy | Charles Middleton Memorial Trophy |
| Darcy Gray Shield      | Short Offshore Rating Point Score |
- (iii) Performance Handicap (PHS): Derived initially from the historical performance accordance with the relative finishing place of the boat.



The relevant PHS shall be used for the following trophies:

F. E. Teffel Shield	Vasco Shield
Ron White Memorial Trophy	Max Muller Trophy
Ron Pert Tasman Sea Trophy	Two Handed PHS Point Score
Olympic Trophy	Wills Trophy
Short Offshore Performance Point Score	

- (b) The nominated races for the various point scores and trophies are specified in Appendix 5.

## 2. DECLARATIONS

The skipper shall declare to the Handicapper any alterations to the sails, or the number of sails carried by the boat, or to equipment of the boat that could alter her performance.

## 3. ALTERATIONS TO HANDICAP

All handicaps will be reviewed before the commencement of the season's point score.

The Handicapper may alter a boat's handicap at his discretion:

- (a) if it is considered necessary after declaration above
- (b) if the present handicap appears incorrect
- (c) if the owner submits a written request for a review of the boat's handicap for specific reasons.

## 4. HANDICAP ADJUSTMENTS

A boat's PHS time correction factor (TCF) will be reviewed after each race as follows:

- (a) The corrected time of each boat (CTb) in the race will be calculated by multiplying the elapsed time (ETb) by her handicap (TCF).
- (b) After each race, a post-race handicap is calculated by dividing the corrected time of the boat placed in the middle of the fleet (finishers divided by two, round 0.5 up) by the elapsed time of each competing boat. The post-race handicap is then averaged with the pre-race handicap to provide the new handicap. A maximum handicap change of 3.5% will apply to the new handicap of all boats.
- (c) There will be no change in handicap for boats that score DNS, DSQ or DNF.
- (d) In the Two Handed point score races, boats placed first, second and third will have a penalty of 0.025, 0.010 and 0.005 respectively added to their new handicap.

## INSHORE DIV1 & DIV2, MULTIHULL DIVISION

### 1. BASE HANDICAP

- (a) Prior to the commencement of a new season's point score, all handicaps shall be reviewed and each boat shall be allocated a base handicap.
  - (i) Class Based Handicap (CBH): Derived from the performance of the class of boat compared to other classes. The CBH shall normally remain constant for the season providing no changes are made to the boat or her equipment outside class rules.
  - (ii) Performance Handicap (PHS): Derived from the performance of the individual boat and her crew and may be adjusted after each point score race depending upon the boat's finishing place on corrected time.
- (b) A boat racing with the Inshore or Multihull Division for the first time shall have a handicap similar to that of a boat of the same design or comparable performance. The handicap may be adjusted at the Handicappers discretion depending upon the boat's performance in her first three races.
- (c) CBH shall be used for the Ian Short Sails Trophy and the D'Arcy Gray Shield for Inshore Div.
- (d) The adjusted PHS shall be used for all other trophies unless otherwise specified.

2. **PERFORMANCE ADJUSTMENTS**  
After each point score race, the PHS time correction factor (TCF) of each finishing boat shall be adjusted in accordance with the following method:  
As per Top Yacht Handicap and Result System.
3. **OTHER ADJUSTMENTS**
  - (a) The skipper of a boat shall notify the Handicapper of any alteration to the boat or her equipment that could affect the boat's performance and the Handicapper may alter the boat's CBH and PHS at his discretion.
  - (b) The Handicapper may adjust the PHS of a boat at the handicapper's discretion should it appear there has been an anomaly in setting the handicap.
  - (c) There will be no change in this handicap for boats that score DNS, DSQ or DNF.

## **ETCHELLS CLASS**

Boats in handicap point score races shall be handicapped using a time correction factor (TCF) handicap system as follows:

1. **PERFORMANCE HANDICAP**
  - (a) Prior to the commencement of a new season's point score, all handicaps shall be reviewed and each boat shall be allocated an initial handicap. The handicap may be adjusted at the Handicapper's discretion depending upon the boat's performance in her first three races.
  - (b) The handicap will be derived from the performance of the individual boat and her crew and may be adjusted after each point score race depending upon the boat's finishing place on corrected time.
2. **PERFORMANCE ADJUSTMENTS**  
After each point score race, the handicap of each finishing boat shall be adjusted in accordance with the following method:  
As per Top Yacht.Hcap and Result System.
3. **OTHER ADJUSTMENTS**
  - (a) The handicapper, after consultation with the Class Captain, may adjust a boat's handicap at their discretion should it appear there has been an anomaly in setting her handicap or if the boat does not compete regularly.
  - (b) Changes to a boat's sails and equipment within the class rules shall not affect her handicap.
  - (c) There will be no change in handicap for boats that score DNS, DSQ or DNF.

## WINTER HANDICAP START RACES COMBINED (CSC & RMYC) POINT SCORE

All boats will be handicapped on a time adjustment handicap system as follows:

### 1. BASE HANDICAP

- (a) Each boat will be allocated a handicap start time (HCP) expressed in minutes. The time will be derived from the boat's performance handicap and adjusted for the nominated elapsed time for the slowest boat in the fleet. More than one boat may have the same handicap and the slowest boat will have a handicap of zero.
- (b) The winner shall be the first boat to finish and each boat shall score in order of finish.
- (c) The nominated elapsed time shall be 150 minutes for Division 1 and 120 minutes for Division 2 and will be the approximate race duration and shall not be grounds for protest or redress.

### 2. PERFORMANCE ADJUSTMENTS

- (a) After each race, a revised HCP for each competing boat is calculated by adjusting the starting HCP As per Top Yacht Handicap and Result System.
- (b) Boats placed first, second and third will have an additional penalty of 3, 2 and 1 minute respectively added to their new HCP.

### 3. OTHER ADJUSTMENTS

- (a) After the application of the performance adjustments above, the least handicap may be adjusted back to zero and the handicap of all other boats will be adjusted by the same amount.
- (b) The handicapper may adjust a boat's handicap at their discretion should it appear there has been an anomaly in setting her handicap or if the boat does not compete.
- (c) Changes to a boat's sails and equipment within class or measurement rules shall not affect her handicap.
- (d) Except for the adjustments above, there will be no change in handicap for boats that score DNS, DSQ or DNF.

### 4. CLUB POINT SCORES

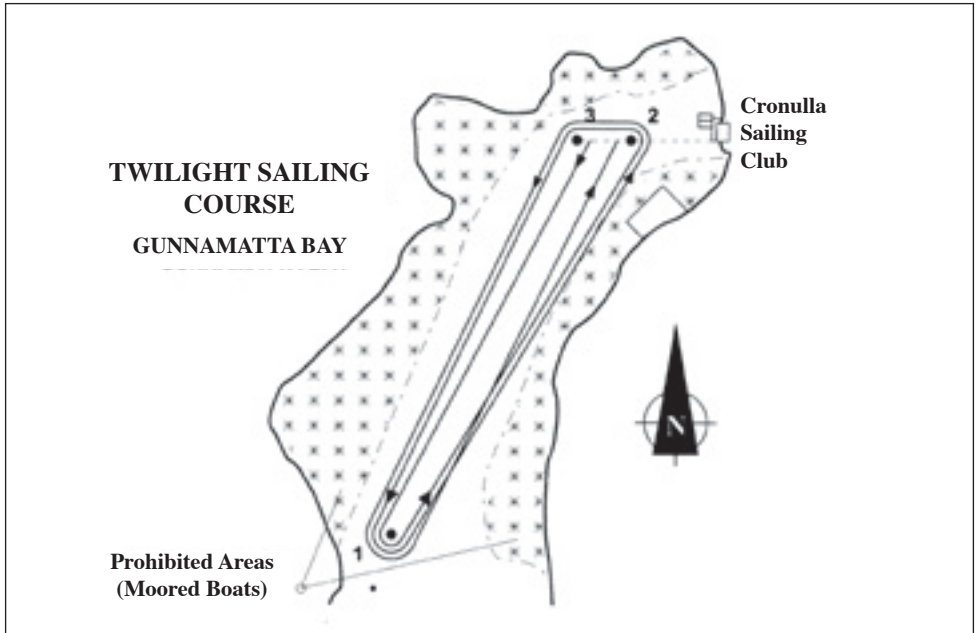
Race results for all boats will be calculated using Class/Ratings Based and Performance TCF Handicaps and the race time of the boat in the Combined Point Score races above, where

Race Time = Elapsed Time - Handicap Start Time

Adjustments will be made to the Performance TCF of the boat after each race in accordance with the provisions for the Summer Point Score series.

## TWILIGHT SAILING SAILING INSTRUCTIONS

1. **EVENT SCHEDULE**  
Twilight sailing will be conducted on Friday evening, commencing the Friday after the start of Daylight Saving and ending the Friday preceding the finish of Daylight Saving.
2. **RULES**  
The Club's current Sailing Instructions shall apply, as amended by these special instructions
3. **ENTRY & SAFETY**  
To be eligible to enter the series, an "Entry Form and Safety Declaration" sheet on the Club notice board shall be signed for each boat. All boats shall comply with the safety requirements of the NSW Maritime Authority.
4. **COURSE**  
The start and finish line is between Mark 2 and Mark 3, laid at the northern end of Gunnamatta Bay. Mark 1 will be laid at the southern end of the bay. The course shall be three laps with all rounding marks left to port. See sketch.  
  
**Start to 1, 2, 3, 1, 2, 3, 1, to Finish.**
5. **MOORINGS**  
The areas bounded by moorings in the Bay are prohibited and shall be treated as obstructions for the purposes of the Rules. A boat that sails within one (1) boat length of a moored boat or causes another boat to do so will be automatically disqualified. A second offence during the season will be grounds for cancellation of club membership.
6. **SAILS** (not applicable to dinghy classes)  
No sails may be set forward of a mast which are not normally carried forward of that mast when working to windward. Any sail set forward of a mast shall be properly attached to a stay in the center line of the vessel and only one sail may be boomed and only to windward.
7. **TIME OF START**  
The start shall be a handicap start commencing at 1800 hrs. The GPS time shall be deemed to be the correct time for starting. There may be no starting signals. Premature starters will not be recalled.
8. **HANDICAPS**  
All boats will be allocated a handicap in minutes and shall start at the appropriate number of minutes after 1800 hrs. Handicaps may be adjusted each week and will be posted on the Club Notice Board at least 30 minutes before the start.
9. **TIME LIMIT**  
2000 hrs or official sunset, whichever is earlier, and only boats that have completed the course by this time will be considered as having finished.
10. **PROTESTS**  
The Club wishes to discourage the need for protests during twilight "fun" sailing. It looks to participants to enter the event in the right spirit, be meticulous in observing the rules and complete a One-Turn Penalty (or retire) immediately an infringement occurs.
11. **PRIZES**  
Prizes will be awarded to 1st, 2nd, 3rd and last place as soon as practical at the conclusion of race. Any prize not collected at that time will be forfeited to the next placed boat.



## CRUISING EVENTS SAILING INSTRUCTIONS

1. **CRUISING DIVISION**  
The Cruising Division shall comprise those boats participating in organised cruising events of the Cronulla Sailing Club Ltd. (incorporating Port Hacking Ocean Yacht Club), hereinafter the club, and complying with these instructions.
2. **DISCLAIMER OF LIABILITY**  
All those taking part in a cruise organised by the club do so entirely at their own risk. The club will not accept any liability for material damage or personal injury or death sustained in connection with or prior to, during, or after a cruising event conducted by the club. Organised cruises do not rank as races.
3. **SAFETY**  
Each boat participating in a club cruising event shall carry the appropriate safety requirements of the NSW Maritime Authority.
4. **DIRECTION**  
Cruising events shall be conducted under the direction of the Cruising Chairman or his nominee who will be responsible for event schedules and liaison with other clubs.
5. **PROGRAM**  
Advice of proposed events may be published on the club noticeboard and on the club's website [www.cronullasc.com](http://www.cronullasc.com) as applicable.

## TRIANGLE COURSES

The marks will be laid in the Estuary in the configuration shown below. Mark 1 will be laid approximately 0.8NM to windward of Mark 3. The starting / finishing line will be laid halfway between Mark 3 and Mark 1 and will be between the Race Committee boat's mast and a mark laid at the port end. The marks shall be rounded to port (p) or starboard (s) as indicated in the nominated order:

The Race Committee boat will display a board showing the course diagrams and signal flags indicating the first mark and the side on which it is to be left, as follows:

For all courses:

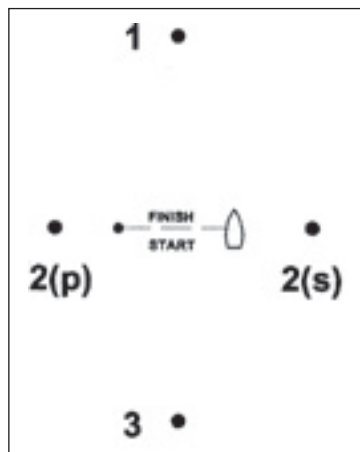
- MG14** Hot Dog, Hot Dog, then to Finish.
- BIC** Triangle, then to Finish.
- Laser & Open** Triangle, Triangle, Triangle, then to Finish.
- NS14** Triangle, Hot Dog, Triangle, Triangle, then to Finish.

### Course 1 Port

where Triangle means: To 1(p) to 2(p) to 3(p).  
and Hot Dog means: To 1(p) to 3(p).

### Course 1 Starboard

where Triangle means: To 1(s) to 2(s) to 3(s).  
and Hot Dog means: To 1(s) to 3(s).



## SPRINT COURSE

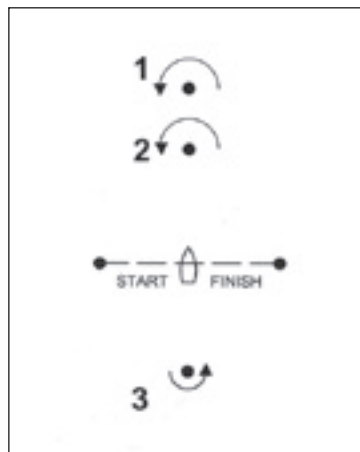
Windward / leeward course with Mark 1 (yellow) laid 500m to wind-ward of Mark 3 and Mark 2 (orange) laid 400m to wind-ward of Mark 3. The Race Committee boat will be halfway between Mark 2 and Mark 3 and display a board showing "S". The start line will be between the RCB's mast and a mark laid to port and the finish line will be between the RCB's mast and a mark laid to starboard.

Course S - All marks rounded to port.

**NS14, Laser & Open:**

**MG14 Classe:** Start to 1, 3, 1, to Finish.

**BIC:** Start to 2, to Finish.



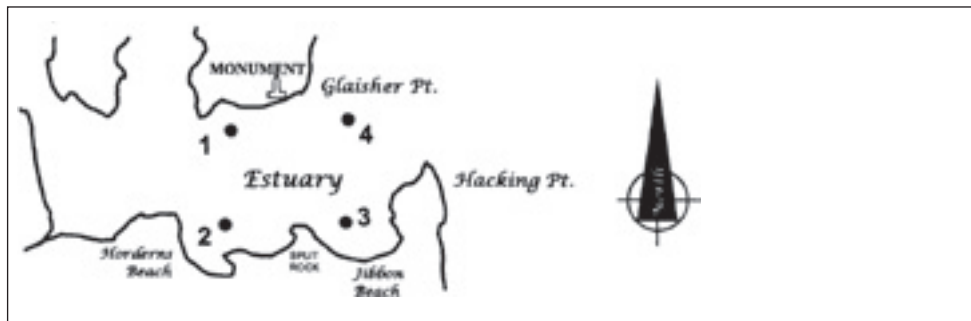
## APPENDIX 2

# COURSES

### ESTUARY

#### Figure 8 Courses

The marks will be laid in the Estuary in the configuration shown below. The starting / finishing line will be halfway up the first leg of the course and will be between the Race Committee boat's mast and a mark laid at the port end. The marks shall be rounded to port (p) or starboard (s) as indicated in the nominated order:



The Race Committee boat will display a board showing course diagrams and signal flags indicating the first mark and the side on which it is to be left, as follows:

For all courses:

- BIC** \_\_\_\_\_ Figure 8, then to finish.  
**Laser & Open** \_\_\_\_\_ Figure 8, Figure 8, Figure 8 then to finish.  
**NS14** \_\_\_\_\_ Figure 8, Hot Dog, Figure 8, Figure 8 then to finish.  
**MG14** \_\_\_\_\_ Hot Dog, Hot Dog then to finish.

#### Course 1 Port - North Westerly Winds

where Fig. 8 means: To 1(p) to 2(p) to 4(s) to 3(s).  
and Hot Dog means: To 1(p) to 3(s).

#### Course 2 Starboard - South Westerly Winds

where Fig. 8 means: To 2(s) to 1(s) to 3(p) to 4(p).  
and Hot Dog means: To 2(s) to 4(p).

#### Course 3 Port - South Easterly Winds

where Fig. 8 means: To 3(p) to 4(p) to 2(s) to 1(s).  
and Hot Dog means: To 3(p) to 1(s).

#### Course 3 Starboard - Southerly Winds

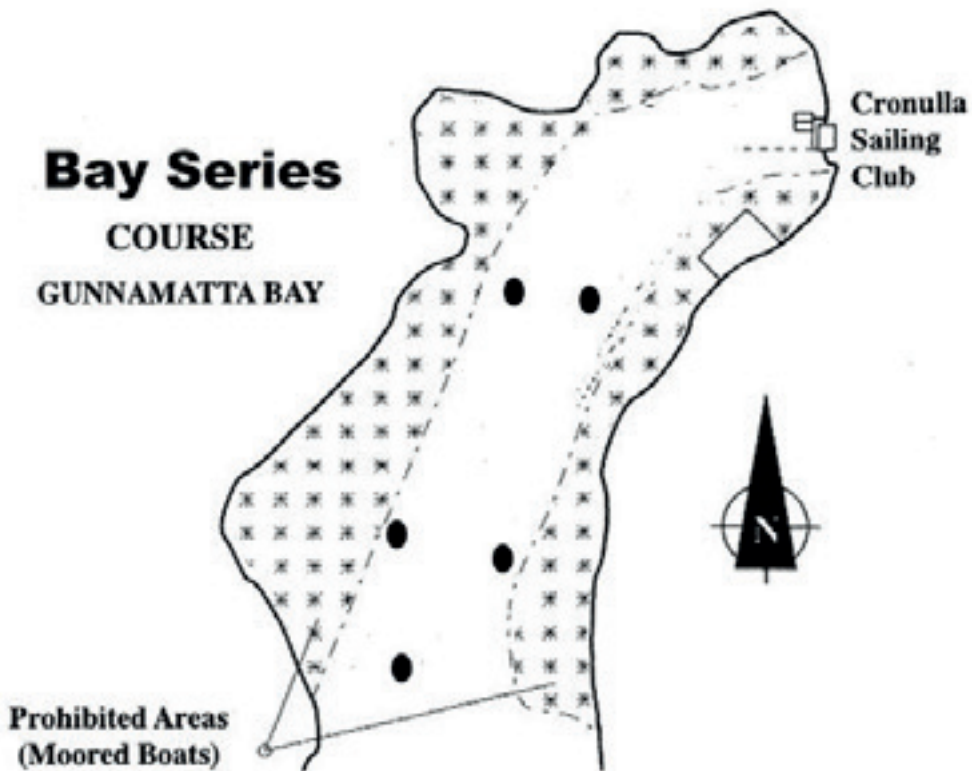
where Fig. 8 means: To 3(s) to 1(p) to 2(p) to 4(s).  
and Hot Dog means: To 3(s) to 4(s).

#### Course 4 Port - Northerly Winds

where Fig. 8 means: To 4(p) to 2(s) to 1(s) to 3(p).  
and Hot Dog means: To 4(p) to 3(p).

#### Course 4 Starboard - North Easterly Winds

where Fig. 8 means: To 4(s) to 3(s) to 1(p) to 2(p).  
and Hot Dog means: To 4(s) to 2(p).



**Bic Bay Series - Donut Course**

The direction of the course is dependent on the prevailing wind. The start line is determined by the prevailing wind with the intention being that the first leg is a windward work. The race consists of one lap.



## STARTING SIGNALS

SIGNAL	FLAG & SOUND	MINUTES BEFORE STARTING SIGNAL
Warning	<p><u>Class Flag Yachts:</u>            Offshore Div 1 - White Pennant            Inshore Div 1 - Fluro Green Pennant            Two Handed - Blue Border Red Square            Inshore Div 2 - Pink Pennant            Etchells Division - Class Flag            Cruising/Non Spinnaker - Yellow Pennant            Multihulls - Purple Pennant</p> <p><u>Class Flag 'Off The Beach' Classes</u>            NS14 - "NS14" flag            Bic - "Bic" Flag            MG14 - "MG14" Flag            Laser - "O"</p> <p>One Sound</p>	5
Preparatory	<p>"P" or            "I" (Round-An-End Rule) or            "Z" (20% Penalty) or            "Z" with "I" (20% Penalty and Round-An-End)            or Black Flag (Disqualification)</p> <p>One Sound</p>	4
One-minute	<p>Preparatory flag removed            One Long Sound</p>	1
Starting	<p>Class flag removed            One sound</p>	0

The warning signal for each succeeding class shall be made with or after the starting signal of the preceding class.

When handicap starts apply a boat's preparatory signal is deemed made four minutes before the boats starting time.

# BATE BAY AND ESTUARY COURSES

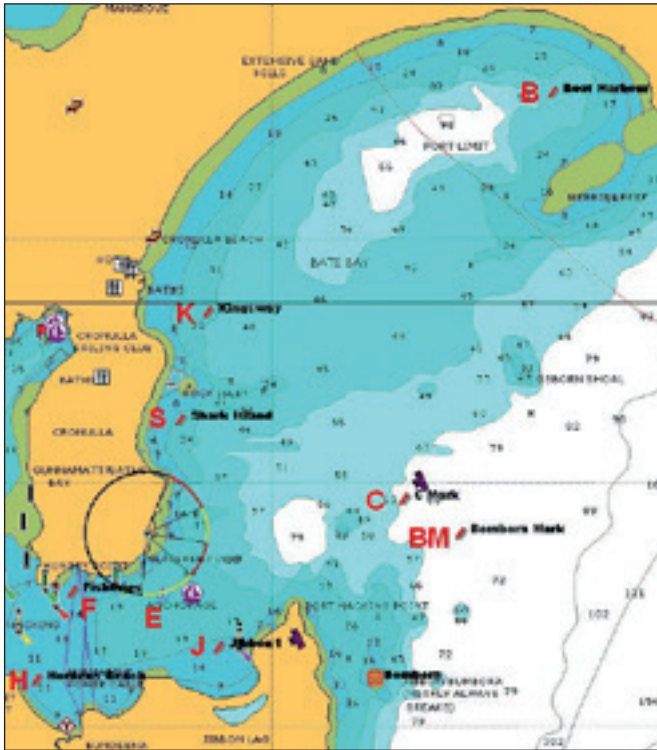


Figure 1. Port Hacking and Bate Bay

## THE MARKS WILL BE LAID IN THE FOLLOWING VICINITIES

E	Estuary
B	Boat Harbour (lat. 34° 02.4'S; long. 151° 11.4'E)
C	NE of Port Hacking Point
K	Kingsway (lat. 34° 03.3'S; long. 151° 09.7'E)
BM	Bomboora Mark (Lat 34° 04'.30 S; Long 151° 10'.9 E)
WR	Wave Rider - Yellow spherical buoy (lat. 34° 02.435'S, long . 151° 15.182'E) moored approximately 1.0NM east of Cape Bailey.
F	Fisheries - Cronulla Point (off Fisheries)
H	Horden's Beach
J	Jibbon Beach
S	Sea Mark - Off Shelly Beach
Rounding	(p) Port Rounding (s) Starboard Rounding
Note	All boats shall pass to seaward of Rock Islet (Shark Island) at all times.

# CRONULLA SAILING CLUB

## EMERGENCY PHONE NUMBERS

Cronulla Sailing Club	9523 6114
EMERGENCY: Ambulance, Fire, Police	000
Marine Rescue - Sydney	9450 2468
Marine Rescue - Solander (for Port Hacking/Botany Bay)	9668 9888
Marine Rescue - Broken Bay	9999 3554
Marine Rescue - Cottage Point	9456 3055
Marine Rescue - Middle Harbour	9969 3270
Marine Rescue - South Head	9337 5033
Marine Rescue - Port Kembla	4274 4455
Marine Rescue - Hawkesbury	9985 9012
<b>In a boating emergency Radio for help on Channel 16 on VHF (distress and calling channel) Channel 88 (27.880 MHz) on a 27 MHz radio</b>	
Royal Motor Yacht Club - Port Hacking	9523 9300
Water Police - Sydney	9320 7499
Water Police - Botany Bay	9529 8140
Water Police - Broken Bay	9910 7899
Weather	131236
Westpac Life Saver Rescue Helicopter	9311 3499 1800 805 528

### RISK WARNING

This RISK WARNING is issued jointly by the Cronulla Sailing Club Ltd. and the NSW Maritime Authority, pursuant to the Civil Liability Act 2002 to all persons wishing to participate in the sailing activities conducted by Cronulla Sailing Club Ltd.

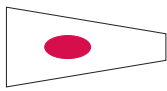
Participants are warned that, regardless of the precautions, which might be taken by reasonable and experienced persons, sailing can be a dangerous pursuit and participants are exposed to significant risk of property damage, physical harm and possibly death.

As an indication, these risks may 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 drowning.
- The possibility that participants may be injured by equipment on the vessel.
- The absence of immediate medical care and the likelihood that significant delays may occur before medical care is available.
- Exposure to the elements for extended periods.

Cronulla Sailing Club Ltd. and the NSW Maritime Authority also 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 sailing event with Cronulla Sailing Club Ltd.

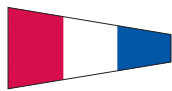
Participants are also advised that although Cronulla Sailing Club Ltd. is covered by third party liability insurance, this cover DOES NOT extend to participants. Any participant who considers they have a need for insurance must make their own private arrangements with an insurer. A personal accident insurance policy is available with subscription to membership of Australian Sailing.



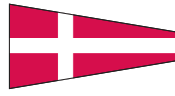
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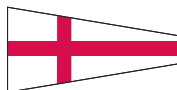
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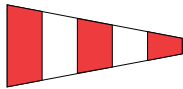


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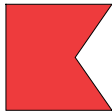
Answering Pennant



1st Substitute



A



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E



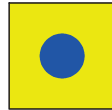
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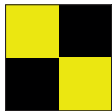
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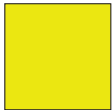
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