



WHITWORTHS MARINE AND LEISURE and

JR MARINE

COMBINED CLUBS

R K ROBERTSON 44th CHALLENGE SERIES

SAILING INSTRUCTIONS

2021 – 2022



J.R. Marine Services



The Organising Authorities will be:
Lake Macquarie Yacht Club (LMYC), Royal Motor Yacht Club Toronto (RMYCT),
and Wangi Amateur Sailing Club (WASC)
Under the authority of Australian Sailing (AS)
Hosted by LMYC located at ADA Street Belmont NSW 2280 Australia
RMYCT located at 6 Arnott St Toronto 2283
WASC located at 275 Watkins Rd Wangi Wangi NSW 2267

1 RULES

- 1.1 Races will be governed by the 2021 - 2024 Racing Rules of Sailing (RRS) as amended, including the Australian Sailing (SA) prescriptions 2021-2024 and Appendix T.
- 1.2 Competitors shall comply with the AS Special Regulations applicable for Category 7 and a current Equipment Audit Form shall be lodged with any of the following: LMYC, RMYCT, WASC or SLMASC.
- 1.3 While it is recognized that these R K Robertson races are club Pointscore races for some competitors, where a contradiction exists between club Sailing Instructions (SIs) and these SIs, then the R K Robertson SIs shall take precedence.

2 RACING CONDITIONS

- 2.1 The Event is open to Ballasted Monohull Yachts and Multihull Yachts resistant to capsize with a minimum of 2 crew, using spinnakers, or non-spinnaker configuration.
- 2.2 A boat shall nominate on the TES on-line Entry Form if the boat intends to use a spinnaker and the nomination shall not be changed during the Series.
- 2.3 Results will be calculated using the TCF method. The TCF allocated to a boat will depend on whether it has nominated to use a spinnaker. The lowest corrected time shall be scored first, the next lowest corrected time second, and so on. (Refer RRS A4)
- 2.4 All boats shall display a pennant on their backstay showing which division they are racing in (White for Div 1, Green for Div 2, Blue for Div 3).
- 2.5 The Multihull warning signal shall be red. However, Multihulls shall display their Division flag as per SI 2.4.

3 ELIGIBILITY AND ENTRY

- 3.1 Eligibility and entry requirements are set out in the Notice of Race 3.0 and 4.0.

4 ADVERTISING

- 4.1 Advertising is unrestricted as permitted by World Sailing Regulation 20.

5 CHANGES TO SAILING INSTRUCTIONS

- 5.1 Changes to the Sailing Instructions shall be issued no later than two hours prior to the first warning signal of the day and no later than 1800 hours on the preceding day for a change in the schedule of a race.
- 5.2 Changes to Sailing Instructions shall be posted on the noticeboards at LMYC, RMYCT, WASC and SLMASC and signaled by Code flag L displayed from the signal mast of the Race Committee Box on the south western corner of the LMYC Marina, the flag mast on the shore in front of RMYCT, the flag mast on shore in front of WASC clubhouse.

6 MODIFICATIONS TO BE NOTIFIED

6.1 When a yacht, its equipment or sails, is modified with a reasonable expectation of improving its performance, details of such modification shall be notified to RKR's Race Committee (RC) 48 hours before the warning signal of Division 1. No modifications will be accepted after this time

SCHEDULE OF RACES

7.1 Racing will be conducted on:







Race	Date
1	Saturday 18 th September 2021
2	Saturday 9 th October 2021
3	Saturday 27 th November 2021
4	Saturday 29 th January 2022
5	Saturday 26 th February 2022
6	Saturday 12 th March 2022











7.2 A re-sail for an abandoned race may be scheduled at the discretion of the Race Committee.

7.3 The number of races to constitute a series shall be three (3) completed races.

7.4 The races are held in conjunction with LMYC, RMYCT and WASC Pointscore series.

8 STARTING TIMES AND SIGNALS

TIME	SIGNAL		MEANING
1315		↑	Warning White Div
1316		↑	Preparatory White Div
1319		↓	Attention White Div
1320		↓	Start White Div
1320		↑	Warning Green Div
1321		↑	Preparatory Green Div

1324		↓	Attention Green Div
1325		↓	Start Green Div
1325		↑	Warning Blue Div
1326		↑	Preparatory Blue Div
1329		↓	Attention Blue Div
1330		↓	Start Blue Div
1330		↑	Warning Multihull
1331		↑	Preparatory Multihull
1334		↓	Attention Multihull
1335		↓	Start Multihull

Note: Attention may be drawn to the above flag signals by sound signal. The absence of a sound signal shall be disregarded.

9 STARTING LINE

- 9.1 The starting line shall be a line between an orange mark bearing Code Flag 'O' atop (starting mark) at the port end and the signal mast on the Race Committee Vessel (RCV) displaying an Orange flag at the starboard end. A starting limit mark (a spar mark with a red flag atop) may be moored between the RCV and the starting mark. When in position, yachts shall take this starting limit mark on the same hand as the RCV when starting.

10 YACHTS NOT RACING TO KEEP CLEAR

- 10.1 Attention is drawn to RRS 24.- Yachts entered in a race while not racing and after they have finished shall also keep clear of the starting line and finish line, both in front of and behind the line and for a reasonable distance along its extensions. The Protest Committee may apply a discretionary penalty for a breach of this SI.

11 RECALLS

- 11.1 Individual and General Recalls shall be in accordance with RRS 29.
- 11.2 In addition the Race Officer (RO) may broadcast on VHF radio (Chan 71) the sail number of a boat that is On Course Side. A failure to make such broadcast or to receive such broadcast will not be considered as grounds for redress. (Changes RRS 62.1(a))
- 11.3 After a General Recall the start of subsequent divisions will be delayed until a successful start has been made for the division recalled.

12 COURSES

- 12.1 Courses to be sailed shall be those set out in Appendix A3. For a map showing the approximate locations of Marks, refer to Appendix A2.
- 12.2 An International code flag numeral shall be flown on the RCV prior to the warning signal to indicate the course number to be sailed. [Refer Appendix A3]
- 12.3 White, Green and Blue divisions shall all sail a common course. The elapsed times for this common course multiplied by a yacht's TCF shall be used to determine the RKR Shield results and the divisional results for Green and Blue divisions.
- 12.4 All White division yachts shall continue racing after completing the common course to sail a full course. The results of the full course will be used to determine White divisional results.

13 MARKS

- 13.1 The marks to be rounded in each race are described in Appendix A1.
- 13.2 Croudace Bay mark is not to be confused with Hartley. Refer to course mark map Appendix A2.

CAUTION: - CARE MUST BE TAKEN TO CORRECTLY IDENTIFY MARKS

- a. In some courses the 'Channel mark' may act as a passing mark rather than a rounding mark. Passing marks need not be looped.
- b. For White Division the Finish mark acts as a rounding mark and a finishing mark only when so designated. [Refer also SI 14.2]

14 FINISH LINE

- 14.1 The finish line for each race shall be between the last mark of the course (taken in the direction indicated in the course description) and the RCV boat displaying a blue flag.
- 14.2 Yachts that have finished shall not re-cross the finish line from either direction. **Yachts that do re-cross the finish line shall be penalised an additional two minutes to their elapsed time without a hearing.** (Changes RRS 63.1 and A5.3) The Race Committee may also protest a boat for a serious breach of SI 14.2.

15 SHORTENING COURSE

- 15.1 Refer SI 1.1

16 TIME LIMITS

- 16.2 The time limit for each Division will be four hours from its starting signal. Yachts not finishing within their time limit will be recorded as DNF. (Changes RRS35)

17 RETIREMENTS AND RACE DAY COMMUNICATIONS

- 17.1 A boat retiring before, during or after a race shall notify the RC of its intention to do so by calling the RO on mobile: 0414 450 022 or VHF (Channel 71) at the earliest opportunity. The boat will be scored equal to the last boat to complete the course in the RKR shield +1 and DNF in Divisional results. (Changes RRS 63.1 and A4)
- 17.2 Any boat retiring from a race and failing to advise the RC will be scored equal to the last boat to complete the course in the RKR shield +1, and DNC in divisional results. (Changes RRS 63.1 and A5.3)

18 PROTESTS AND REQUESTS FOR REDRESS

- 18.1 Protest and Request for Redress forms are available at the reception office of LMYC and/or the other respective clubs, and shall be lodged within 2 hours of the finish time of the last boat in the last division in the race.
- 18.2 Protests will be heard at one of the host clubs as determined by the Protest Committee at 1830 hrs on the Tuesday following the race/s unless advised otherwise by the Protest Committee Chairperson.
- 18.3 The Protest Committee shall be comprised of representatives from at least two (2) competing clubs.

19 RACE COMMITTEE VESSEL (RCV)

- 19.2 The RCV shall be LMYC "CALYPSO" and shall bear the LMYC burgee in a prominent position.
- 19.3 All boats in all divisions intending to race shall, prior to 1310, hail the RCV and identify themselves by sailing on Starboard tack past the transom of the RCV. Failure to do so may result in a boat being recorded as DNC.

20 PROHIBITED AREAS

- 20.1 A boat shall not pass between any permanent mooring, whether occupied or not, and the nearby shoreline.
- 20.2 Unoccupied permanent moorings are obstructions for the purpose of RRS 19.2(a & b) and are prohibited areas. Boats moored to permanent moorings are continuing obstructions for the purpose of RRS 19.2(c).
- 20.3 A boat shall not come into contact with a permanent mooring or a boat moored on a permanent mooring. A boat that does so shall complete a one-turn penalty in compliance with RRS 44.2 (Changes RRS 44.1). If the incident resulted in any damage whatsoever, it shall be reported to the RC. If required, an incident report shall also be provided to Transport for NSW.
- 20.4 All Cardinal navigation marks shall be passed on their safe waterside.
- 20.5 For the on-water safety of Junior sailors, the Belmont 16s Club will raise a 900mm x 900mm pink flag on its race control vessel when their starting and finishing lines are active.
- Any boat sailing through the active line will incur a DPI equal to 25% of starters without a hearing (changes RRS Appendix A5.3). The Race Committee may also protest a boat for a serious breach of SI 20.5.

21 ABANDONMENT DUE TO ADVERSE WEATHER

- 21.1 Abandonment of a race due to adverse weather shall be at the discretion of the Race Committee until 1 hour prior to the first warning signal and thereafter at the discretion of the Race Officer as per RRS 32.1. Notification of abandonment will be performed by the individual clubs per their club instructions.

22 R K ROBERTSON MEMORIAL SHIELD TROPHY POINTSCORE

- 22.1 An overall handicap result covering all yachts in all divisions will be determined by multiplying each yacht's elapsed time for the common course by its TCF handicap. TCF handicaps for race 1 will be determined by an Interclub Handicapping Committee and will be adjusted from race to race in a manner determined by that Committee.
- 22.2 Based on the overall handicap result, points will be scored by each yacht using the Low Point System (refer RRS Appendix A4, A5.3). All race results shall be used in the Pointscore.
- 22.3 The points scored in the overall results by all the yachts from each Club shall be added together and the average of the points shall be obtained by dividing the total so obtained by the number of yachts from that club which have been scored in accordance with SI 22.2 above except:
- 22.3.1 If any Club has less than five (5) finishers recorded, points equal to all finishers + 1 will be added to complete the clubs 5 yacht minimum score before averaging.
- 22.4 A Club's average points over all the races will be totalled and the Club with the lowest total average points will be awarded the RK Robertson Shield Memorial Trophy.
- 22.5 A minimum of three (3) completed races shall constitute a series.
- 22.6 A Perpetual Trophy for best scoring yacht in the Interclub Shield Series will be awarded. Scoring for this trophy will be from the common course finish of the RKR Shield using RRS Appendix A4, with one [1] discard after six [6] races are conducted. The Trophy has been supplied by RMYCT.
- 22.7 Boats starting in the Multihull Start will have their finish/elapsed times amended to reflect the start time of the Division in which they were allocated by the Sailing Committee.

23 RACE DIVISIONAL RESULTS AND SCORING

- 23.1 Racing shall be conducted in three (3) divisions with the results of each division being determined by multiplying the yacht's elapsed time for the full course by its TCF handicap. TCF handicaps for race 1 will be determined by the Interclub Handicapping Committee and will be adjusted from race to race in a manner determined by that Committee.
- 23.2 A Pointscore based on the Low Point System (refer RRS Appendix A4, A5.3) will be run on the results of each division over the six races of the series.
- If six (6) races are completed there will be one (1) discard.
- 23.3 A minimum of three (3) completed races shall constitute a series for a Division.
- 23.4 Boats starting in the Multihull Start will have their finish/elapsed times amended to reflect the start time of the Division in which they were allocated by the Sailing Committee.

24 PRIZES

- 24.1 First, Second and Third prizes, supplied by **Whitworths' Marine and Leisure, and JR Marine**, will be awarded to the yachts scoring best in each Division Pointscore, provided a prize winner has started in not less than three (3) races.
- 24.2 Individual entrants are eligible for divisional Pointscore prizes
- 24.3 Prizes will be awarded at the end of the season.

25 LIABILITY

- 25.1 Attention is drawn to Fundamental Rule 3 – The responsibility for a boat's decision to participate in a race or continue racing is hers alone.

Issued under the authority of;
R.K. Robertson Inter Club Committee.
30th August 2021

APPENDIX A1

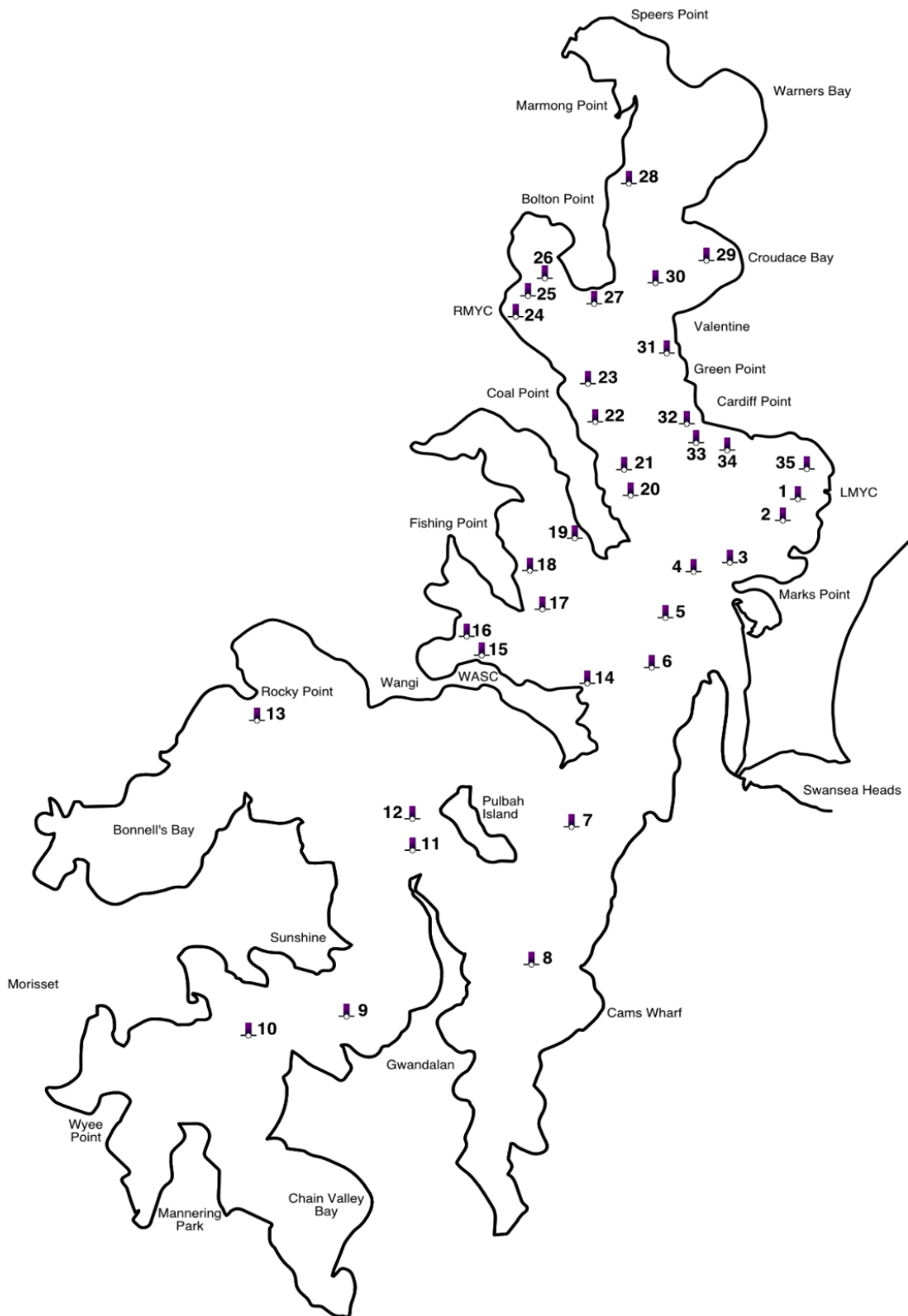
MARKS NOMINATED IN THE SAILING INSTRUCTIONS

Special care should be taken to avoid rounding incorrect marks. A variety of marks will be used in each of the six races.

Please note rename of Coon Island to Swansea and inclusion of Dewey Pt (RMYCT)

Mark ID	NAME	CLUB	Approx GPS Position
1	LMYC Club	LMYC	S33 02.418 E151 39.048
2	Andersons	LMYC	S33 02.609 E151 38.854
3	Marks Point	LMYC	S33 02.992 E151 38.345
4	Channel	LMYC	S33 03.117 E151 37.854
5	Pelican	WASC	S33 03.557 E151 37.561
6	Swansea	LMYC	S33 04.149 E151 37.421
14	Wangi Point	WASC	S33 04.211 E151 36.711
15	WASC Club	WASC	S33 03.884 E151 35.290
17	Fishing Point	LMYC	S33 03.486 E151 36.186
18	Rathmines	WASC	S33 03.120 E151 36.057
20	Coal Point	LMYC	S33 02.377 E151 37.192
21	Mayo	RMYCT	S33 02.183 E151 37.102
22	Carey Bay	LMYC	S33 01.633 E151 36.765
23	Dewey	RMYCT	S33 01.420 E151 36.720
24	RMYCT Club	RMYCT	S33 00.620 E151 35.907
25	Toronto	RMYCT	S33 00.539 E151 35.999
26	Figtree	RMYCT	S33 00.233 E151 36.224
27	Boughton	RMYCT	S33 00.507 E151 37.205
30	Hartley	RMYCT	S33 00.355 E151 37.440
31	Green Point	RMYCT	S33 01.119 E151 37.475
32	Cardiff Point	LMYC	S33 01.672 E151 37.785
33	Belmont	RMYCT	S33 01.850 E151 37.905
34	Slip	LMYC	S33 01.936 E151 38.227
35	Albert	LMYC	S33 02.102 E151 39.116

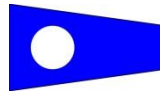
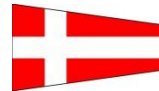
APPENDIX A2



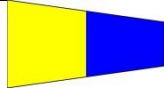


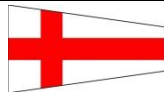
APPENDIX A3
WHITE, GREEN and BLUE DIVISION COURSES

ATTENTION: - COMMON COURSE FINISH - Denotes Finish for Green and Blue Divisions.

RKR COURSES 2021-2022

							
COURSE 1		COURSE 2		COURSE 3		COURSE 4	
North		North-East		East		South-East	
Start near Marks Point		Start near Coal Point		Start near Mayo		Start near Carey bay	
Cardiff Pt (32)	P	LMYC Club (1)	S	LMYC Club (1)	S	Marks Pt (3)	P
Coal Pt (20)	P	Channel (4)	P	Andersons (2)	S	Carey Bay (22)	P
Channel (4)	P	Fishing Pt (17)	P	Channel (4)	P	Channel (4)	P
Pelican (5)	P	Channel (4)	P	Rathmines (18)	P	Cardiff Pt (32)	P
Channel (4)	S	WASC Club (15)	S	Channel (4)	S	Toronto (25)	P
Green Pt (31)	P	Channel (4)	S	Marks Pt (3)	P	Belmont (33)	S
Coal Pt (20)	P	Marks Pt (3)	P	Coal Pt (20)	S	Carey Bay (22)	P
Channel (4)	P	Common Finish		Andersons (2)	P	Common Finish	
Pelican (5)	P	Channel (4)	P	Mayo (21)	S	Channel (4)	P
Channel (4)	S	Fishing Pt (17)	P	Common Finish		Carey Bay (22)	P
Cardiff Pt (32)	P	Channel (4)	S	LMYC Club (1)	S	Div 1 Finish	
Common Finish		Marks Pt (3)	P	Mayo (21)	S		
Channel (4)	P	Div 1 Finish		Div 1 Finish			
Pelican (5)	P						
Channel (4)	S						
Cardiff Pt (32)	P						
Div 1 Finish							

APPENDIX A3 (cont)

							
COURSE 5		COURSE 6		COURSE 7		COURSE 8	
South		South-West		West		North-West	
Start near Cardiff Point		Start near LMYC		Start near LMYC		Start near Marks Point	
Channel (4)	P	Channel (4)	P	Coal Pt (20)	P	Carey Bay (22)	S
Pelican (5)	S	Wangi Pt (14)	P	Channel (4)	S	Andersons (2)	P
Coal Pt (20)	S	Channel (4)	S	Rathmines (18)	P	Belmont (33)	P
Cardiff Pt (32)	S	Slip (34)	P	Channel (4)	S	Marks Pt (3)	S
Channel (4)	S	Coal Pt (20)	S	Marks Pt (3)	P	Carey Bay (22)	S
Hartley (30)	S	Hartley (30)	P	Rathmines (18)	P	Cardiff Pt (32)	P
Cardiff Pt (32)	S	Dewey(23)	S	Channel (4)	S	Toronto (25)	P
Boughton (27)	S	Common Finish		Andersons (2)	P	Cardiff Pt (32)	P
Cardiff Pt (32)	S	Hartley (30)	P	Common Finish		Common Finish	
Common Finish		Dewey (23)	S	Mayo (21)	P	Toronto (25)	P
Boughton (27)	S	Div 1 Finish		Andersons (2)	P	Cardiff Pt (32)	P
Cardiff Pt (32)	S			Div 1 Finish		Div 1 Finish	
Div 1 Finish							