



ROYAL SOUTHERN
— YACHT CLUB —



Sailing Instructions

Royal Southern Summer Series 2023

North Sails May Regatta – 7-8 May

Champagne Charlie June Regatta – 3-4 June

Salcombe Gin July Regatta – 8-9 July

September Regatta – 15-17 September

For more information visit www.royal-southern.co.uk or contact the Sailing Office on either 02380 450 302 or sailing@royal-southern.co.uk.

Royal Southern Summer Series 2023

Sailing Instructions

1. RULES

1.1. The Summer Series Regattas will be governed by the rules as defined in The Racing Rules of Sailing (RRS).

2. CHANGES TO SAILING INSTRUCTIONS

2.1. Any change to the Sailing Instructions will be posted by 0830 on the day it will take effect, except that any change to the schedule of races will be posted by 2000 on the day before it will take effect.

3. COMMUNICATIONS WITH COMPETITORS

3.1. Notices to competitors will be posted on the Official Noticeboard: <https://scm.royal-southern.co.uk/event/summer-series>

3.2. The Race Office is located in the Royal Southern Yacht Club Sailing Office.

3.3. On the water, the Race Committee intends to monitor and communicate with competitors on the following VHF channels:

3.3.1. Black Group – Channel 72

3.3.2. White Group – Channel 06

3.3.3. Red Group – Channel 08

3.3.4. Green Group – Channel 08

4. CODE OF CONDUCT





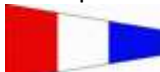
4.1. [NP] Competitors and support persons shall comply with reasonable requests from Race Officials and representatives of the Organising Authority. For the purposes of this SI, this includes all Royal Southern Yacht Club staff.

5. SIGNALS MADE ASHORE

5.1. Signals made ashore will be flown at the RSrNYC flagstaff. When flag AP is displayed ashore, RRS Race Signals are changed so that '1 minute' is replaced by 'not less than 60 minutes.'

6. SCHEDULE OF RACES

6.1. The provisional schedule is as follows:

BLACK GROUP			
Class	Rating	Class Flag	First Warning Signal
IRC 1 (incl Performance 40)	1.060 – 1.360	Numeral pennant 1 	1025
J/111	One Design	International Code J 	To be advised on VHF
HP 30	IRC Class ratings	Naval Numeral 8 	To be advised on VHF
IRC 2	1.000 – 1.059	Numeral pennant 2 	To be advised on VHF
IRC 3	0.999 and below	Numeral pennant 3 	To be advised on VHF

WHITE GROUP			
Class	Rating	Class Flag	First Warning Signal
J/70	One design	International Code J 	1025
SB20	One design	Naval Numeral 2 	To follow
J/24 (June only)	One design	Naval Numeral 3 	To follow
RS Elite (September only)	One design	Naval Numeral 4 	To follow
RED GROUP (May & September only)			
Class	Rating	Class Flag	First Warning Signal
Cape 31	One design	Cape 31 class flag 	1025
GREEN GROUP (June only)			
Class	Rating	Class Flag	First Warning Signal
IRC Cruiser	IRC	Numeral pennant 4 	1025
VPRS	VPRS	Numeral pennant 8 	To be advised on VHF
X-OD	One design	International Code W 	To be advised on VHF

6.2. The One Design and HP30 classes will race separately if there are enough boats. Otherwise, each boat will be allocated to the IRC class appropriate to its rating.

7. CLASS FLAGS

- 7.1. Class flags as per SI 6.1.
- 7.2. Group flags will be a plain flag of the same colour.
- 7.3. BLACK & GREEN GROUPS: Each boat shall display its class flag, and any sponsor flags provided by the Organising Authority, prominently at the stern at least 1.5 metres above deck level.

8. RACING AREA

- 8.1. Racing will be in the Central Solent and Southampton Water. The start location will be announced regularly by VHF radio from at least one hour before the first scheduled class warning signal.

9. COURSES

- 9.1. Courses will be advised on the designated VHF radio channel using the 2-character codes from the Royal Southern YC Solent Area Mark Codes 2023 list in Appendix 1 or the Course Diagrams in Appendix 2.
- 9.2. For windward-leeward courses when using laid inflatable marks, the approximate compass bearing of the course axis and the distance of the first windward mark for each class or start group will be advised.

10. MARKS

- 10.1. The description and colour of any laid inflatable mark being used will be advised via VHF.

11. NOT USED

12. THE START

- 12.1. BLACK GROUP only: To alert boats that a race start sequence will begin soon, the orange flag will be displayed as an Attention signal with one sound five minutes before the first class warning signal.
- 12.2. The Starting Line will be between a staff displaying an orange flag on the main committee vessel and an outer distance mark (ODM).
- 12.3. An inner distance mark (IDM) may be laid near the main committee vessel. Boats shall not cross the line between the IDM and the main committee boat after the one-minute signal for each race and before starting and clearing the line. A boat infringing this rule may exonerate herself by rounding the end of the starting line to the pre-start side before starting.
- 12.4. Boats whose class warning signal has not been made shall avoid the starting area during the starting sequence for other classes.

13. CHANGE OF THE NEXT LEG OF THE COURSE AND SHORTENING OR ABANDONING AFTER THE START

- 13.1. For windward-leeward courses using laid marks, the next leg of the course may be changed by moving the original mark up to 0.25NM from its original position and such a change may not be signalled but will be communicated by VHF. This changes RRS 33. Alternatively, a replacement mark may be laid to change the next leg of the course and such a change will be signalled in accordance with RRS 33, with a description of the replacement mark transmitted via VHF. The original mark will be removed as soon as practicable. When in a subsequent change a new mark is replaced, it may be replaced by an original mark.
- 13.2. Changing RRS 35, RRS A4.2 and RRS A9:
 - 13.2.1. In addition to RRS 32, the Race Committee may score boats in the order, corrected on handicap if appropriate, that they passed through the last gate or mark at which the Race Committee are able to establish a finishing order. Such a line becomes the finishing line for those boats.
 - 13.2.2. The race committee may signal this by the display of flags "S" over "3rd Substitute" and by announcement by VHF.
 - 13.2.3. For One Design classes, no boat shall be scored better than any boat that completed the course before S over 3rd substitute has been displayed.
- 13.3. In addition to RRS 32.1, the Race Committee may shorten the course or abandon the race because of insufficient wind.

14. THE FINISH

- 14.1. The finishing line is between the last mark of the course and a staff displaying a blue flag on the nearby race committee boat; or as indicated by the course diagram Appendix 2.

15. PENALTY SYSTEM

- 15.1. The Two-Turns Penalty of RRS 44.1 is replaced by a One-Turn Penalty.
- 15.2. BLACK and GREEN GROUPS ONLY: Instead of a One-Turn Penalty, a boat may accept a Scoring Penalty in accordance with RRS 44.3.
- 15.3. Appendix T1 shall apply.

16. TIME LIMITS AND TARGET TIMES

- 16.1. Time limits and target times are as follows:

Group	Target Time	Finish Window
Black	60-100 minutes	45 minutes
White	30-40 minutes	15 minutes
Red	40-50 minutes	15 minutes
Green	75-100 minutes	60 minutes

- 16.1.1. Failure to meet the target time shall not be grounds for redress. This changes RRS 60.1. Target times may be adjusted via VHF.
- 16.1.2. The Finishing Window is the time for boats to finish after the first boat sails the course and finishes. A boat failing to finish within the Finishing Window, and not subsequently retiring, penalized or given redress, may be scored Time Limit Expired (TLE) without a hearing.

17. HEARING REQUESTS

- 17.1. Boats intending to protest or acknowledging an infringement shall report this to the main committee vessel as soon as possible after the end of the race in question. This adds to RRS 61.1(a).
- 17.2. Protests must be lodged within 40 minutes of the return of the relevant finishing committee boat to the Prince Philip Yacht Haven or to its berth nearby. The protest time limit will be posted on the ONB.
- 17.3. Protests shall be lodged in person at the Sailing Office at RSrNYC or via by emailing sailing@royal-southern.co.uk. This changes RRS 61.2 and 61.3. The parties shall promptly provide a representative to attend any hearing (in person unless a 'virtual' hearing has been arranged).
- 17.4. A party to a protest may request a 'virtual' hearing and is advised to make any such request as soon as possible after the end of the race in question. The PC has complete discretion whether to hold hearings virtually or in person.
- 17.5. Notice of protests by the RC or the Protest Committee (PC) will be posted on the ONB.
- 17.6. A list of protests will be displayed on the ONB within 15 minutes after the protest time limit along with time and place of the protest hearing. This changes RRS 63.2.
- 17.7. Protest hearings will be held at the RSrNYC as soon as possible after racing; or may be 'virtual' if the PC so decide, in which case the parties will be notified of the arrangements.
- 17.8. The provisions of RRS 66.2 apply to the last day of each weekend Regatta.
- 17.9. Penalties arising from protests are at the discretion of the PC. If the PC considers that points for retiring from a race make an insufficient penalty in the circumstances, it may impose a higher penalty. This changes RRS 64.1.

18. SCORING

- 18.1. The score for Time Limit Expired (TLE) will be equal to the number of finishers plus 1. If more than one boat is to be scored TLE they will each receive the same score.

19. SAFETY REGULATIONS

- 19.1. No anchor shall be carried forward of the stem or with any part of it outboard, except when anchoring.
- 19.2. Retirement. A boat that retires from a race shall notify the Race Committee (RC) by VHF radio before leaving the race area, or by notifying the Sailing Office no later than immediately after arriving ashore.
- 19.3. If Flag "Y" is displayed, lifejackets/personal buoyancy shall be clearly visible to other boats.
- 19.4. Boats with retracting bowsprits: for one designs, class rules apply. For other boats, the bowsprit shall be retracted at all times except when the spinnaker is set or in the act of being set or recovered. The penalty for each infringement is a One-Turn Penalty as described in RRS 44.1 and 44.2.
- 19.5. **Shipping**
 - 19.5.1. Boats shall comply with Southampton Harbour Bye-Laws. In particular, attention is drawn to Notice to Mariners No 06 of 2023 concerning the Thorn Channel Precautionary Area.
 - 19.5.2. To avoid commercial shipping that is under way, a boat may use her engine, or any other means of propulsion, without retiring. Such use shall be reported to the RC at the finish and with full details to the Sailing Office at RSrNYC before the protest time limit, in writing if requested. The RC may refer the matter to the Protest Committee which may impose a penalty without a hearing if an advantage has been gained. This affects RRS 42.3(i) and changes 63.1.
 - 19.5.3. Boats should have an alternative means of propulsion ready for immediate use if there is any possibility of a close quarters situation developing between them and a commercial vessel.

20. NOT USED

21. NOT USED

22. NOT USED

23. OFFICIAL VESSELS

- 23.1. The main Committee Vessel for each group will display a flag of the corresponding colour with "RSrNYC Committee" in a contrasting colour.

24. SUPPORT TEAMS

- 24.1. Support teams shall register in advance with the Organising Authority by emailing sailing@royal-southern.co.uk and shall comply with any instructions so issued.

25. NOT USED

26. NOT USED

27. NOT USED

28. NOT USED

29. PRIZES

29.1. Individual regatta prize givings will be held at the RSrNYC as soon as convenient after the last day of racing and any relevant protests. The target time is 1600.

29.2. Overall Series prizes or trophies will be presented at the prize giving dinner on Saturday 11th November 2023.

30. RISK STATEMENT

30.1. See NoR 22.

31. INSURANCE

31.1. See NoR 23.

APPENDIX 1 - Royal Southern Solent Area Mark Codes 2023

Zone 1 Western Approaches					Zone 3 Mid Solent (W) Continued				
ID	Name	Colour	Lat N	Long W	ID	Name	Colour	Lat N	Long W
1A	Peveril Ledge	R	50 36.41	01 56.10	3Z	Trinity House Buoy	Y	50 46.31	01 17.75
1B	Poole Bar No 1	G	50 39.29	01 55.14	30	RORC *	Y	50 47.12	01 17.72
1C	Stoneways Marine	Y	50 40.31	01 54.02	31	South Bramble	G	50 46.98	01 17.72
1D	The Rig Shop	Y	50 41.08	01 54.26	33	Prince Consort	BY	50 46.41	01 17.56
1E	Ledge Buoy	Y	50 41.50	01 41.60	34	Cowes Corinthian	Y	50 46.15	01 17.20
1F	Needles Fairway	RW	50 38.24	01 38.98	39	Snowden	Y	50 46.20	01 17.75
1G	South West Shingles	R	50 39.29	01 37.52	Zone 4 Mid Solent (E)				
1H	Bridge	YBY	50 39.63	01 36.88	4A	Reach #	G	50 49.05	01 17.65
1J	Shingles Elbow	R	50 40.37	01 36.05	4B	Coronation	Y	50 49.55	01 17.62
1K	North Head	G	50 42.69	01 35.52	4C	Fumesy*	Y	50 49.21	01 17.46
1L	Needles Lighthouse	RW	50 39.73	01 35.50	4D	Calshot #	BY	50 48.44	01 17.03
1M	Warden	G	50 41.48	01 33.55	4E	Jane *	Y	50 47.67	01 17.00
1N	North East Shingles	BYB	50 41.96	01 33.41	4F	Royal Thames	Y	50 47.20	01 17.00
11	East Hook	R	50 40.58	01 55.23	4G	Chieftain Training*	Y	50 49.45	01 16.91
12	MB/EYE Marine/Christchurch SC	Y	50 42.60	01 40.80	4H	East Knoll	G	50 47.96	01 16.83
13	Parkstone YC	Y	50 39.46	01 55.20	4J	hamblewinterseries.com *	Y	50 48.63	01 16.56
Zone 2 West Solent					4K	Royal London YC	Y	50 46.15	01 16.65
2A	Chewton Glen Hotel & Spa	Y	50 42.77	01 32.43	4L	William *	Y	50 49.03	01 16.49
2B	Dunford Construction	Y	50 43.38	01 31.54	4M	Hill Head	R	50 48.07	01 16.00
2C	Colten	Y	50 43.83	01 30.86	4N	YachtDataBank	Y	50 47.27	01 15.90
2D	Lymington Yacht Haven	Y	50 44.17	01 30.10	4P	West Ryde Middle	YBY	50 46.48	01 15.79
2E	Circle Marine Insurance	Y	50 44.49	01 29.32	4Q	John Fisher*	Y	50 48.46	01 15.72
2F	Berthon	Y	50 44.20	01 29.22	4R	Darling Buoy *	Y	50 49.18	01 15.71
2G	Bridgeworks WAN Acceleration	Y	50 44.79	01 28.47	4S	Royal Southern*	Y	50 48.86	01 15.43
2H	Draycott Chartered Surveyors	Y	50 44.30	01 28.16	4T	Norris #	R	50 45.97	01 15.51
2J	Sowley	Y	50 45.11	01 27.34	4U	Goodall Roofing	Y	50 46.43	01 15.09
2K	Cowes Radio	Y	50 44.83	01 26.09	4V	Hamble Yacht Services	Y	50 48.13	01 14.64
2L	Royal Lymington YC	Y	50 43.14	01 31.95	4W	Ancasta	Y	50 47.33	01 14.59
2R	Powder Byrne	Y	50 45.43	01 25.89	4X	Colette	Y	50 45.53	01 14.39
2T	Lymington Bank	R	50 43.10	01 30.85	4Y	North Ryde Middle	R	50 46.61	01 14.31
2U	Tuakana Construction	Y	50 43.67	01 29.50	4Z	South Ryde Middle	G	50 46.13	01 14.16
2X	Solent Bank	R	50 44.23	01 27.37	40	Howden Fastnet	Y	50 47.66	01 13.65
20	Sconce	BY	50 42.53	01 31.43	41	East Bramble	BYB	50 47.23	01 13.64
21	Black Rock	G	50 42.57	01 30.59	42	Peel Bank	R	50 45.49	01 13.35
22	Charles Stanley	Y	50 42.86	01 29.40	43	Little Ship Club	Y	50 46.16	01 13.09
24	Hall Hunter	Y	50 42.86	01 28.42	44	Royal Yacht Squadron	Y	50 47.31	01 12.10
25	Caldwells Estate Agents	Y	50 43.15	01 27.49	45	South East Ryde Middle	YB	50 45.93	01 12.10
26	Hamstead Ledge	G	50 43.87	01 26.18	46	North East Ryde Middle	R	50 46.21	01 11.88
27	Generation	Y	50 42.97	01 28.16	47	Contessa 32 Class	Y	50 47.70	01 15.25
28	Harwoods	Y	50 42.73	01 28.69	48	Paul Heys *	Y	50 48.21	01 16.68
Zone 3 Mid Solent (W)					Zone 5 East Solent				
3A	West Lepe	R	50 45.24	01 24.09	5A	Quarr	Y	50 45.03	01 11.89
3B	Newtown East	Y	50 44.36	01 23.80	5B	Mother Bank	R	50 45.49	01 11.21
3C	craftinsure.com	Y	50 45.64	01 23.12	5C	Browndown	G	50 46.57	01 10.95
3D	Salt Mead	G	50 44.51	01 23.04	5D	Kemps Quay	Y	50 45.18	01 09.65
3E	The Boss	Y	50 46.13	01 22.19	5E	Stokes Bay East	Y	50 46.26	01 08.76
3F	Elephant Boatyard	Y	50 44.72	01 21.95	5F	North Sturbridge	BY	50 45.33	01 08.23
3G	Greenings Payments	Y	50 46.58	01 21.46	5G	Baker Trayte Marine	Y	50 46.42	01 07.90
3H	East Lepe	R	50 45.93	01 21.07	5H	Portsmouth SC	Y	50 46.82	01 07.35
3K	Lepe Spit	YB	50 46.78	01 20.64	5J	KB Dry Stack	Y	50 46.61	01 07.29
3L	Gurnard Ledge	G	50 45.51	01 20.59	5K	Suffolk Sails	Y	50 47.08	01 06.78
3N	Royal Cork*	Y	50 47.07	01 19.88	5M	Gleeds	Y	50 46.11	01 06.52
3P	Cowes Yacht Haven	Y	50 45.68	01 19.98	5N	Mary Rose	Y	50 45.80	01 06.20
3Q	Polly's Challenge	Y	50 45.97	01 19.45	5P	Linnington	Y	50 46.36	01 06.08
3R	North East Gurnard #	R	50 47.06	01 19.42	5Q	Outer Spit @	YB	50 45.44	01 05.46
3S	TackGybeSet*	Y	50 47.81	01 19.25	50	Fairhall West @	Y	50 46.81	01 10.40
3T	CHS	Y	50 46.10	01 18.87	51	SBSC Central @	Y	50 46.60	01 09.85
3U	Gurnard	BY	50 46.22	01 18.84	© 5Q Outer Spit may only be used if given prior consent by QHM, which must be sought in weekday office hours @ Sundays: SBSC only except Cowes Week See other notes on next page				
3V	West Bramble #	YBY	50 47.20	01 18.65					
3W	Williams Shipping *	Y	50 47.20	01 18.55					
3X	Donna	Y	50 46.10	01 18.43					
3Y	West Knoll	Y	50 47.43	01 17.84					
Zone 3 continued in next column									

Zone 6 Eastern Approaches				
ID	Name	Colour	Lat N	Long W
6A	No Man's Land Fort	B	50 44.40	01 05.70
6B	Horse Sand Fort	B	50 45.01	01 04.34
6C	Warner	R	50 43.87	01 03.99
6D	Horse Elbow	G	50 44.26	01 03.88
6E	West Princessa	YBY	50 40.16	01 03.65
6F	Bembridge Ledge Buoy	BYB	50 41.15	01 02.81
6G	St Helens Buoy	R	50 43.36	01 02.41
6H	Dean Elbow	G	50 43.69	01 01.88
6J	Nab East	R	50 42.86	01 00.80
6K	Horse Tail	G	50 43.23	01 00.23
6L	Winner	YB	50 45.10	01 00.10
6M	Nab End	R	50 42.63	00 59.49
6N	Dean Tail	G	50 42.99	00 59.17
6P	New Grounds	BYB	50 41.84	00 58.49
6R	Nab Tower	B	50 40.08	00 57.15
6S	Outer Nab No 2	BYB	50 38.43	00 57.70

Zone 7 Southampton Water				
ID	Name	Colour	Lat N	Long W
7A	Gymp	R	50 53.07	01 24.16
7B	Hythe Knock	R	50 52.83	01 23.81
7C	No 1 Swinging	G	50 53.00	01 23.44
7D	Weston Shelf	G	50 52.71	01 23.26
7E	Hythe 5	Y	50 52.24	01 23.18
7F	Jib *	Y	50 52.96	01 23.06
7H	Moorhead	G	50 52.55	01 22.90
7J	Deans Elbow	R	50 52.20	01 22.85
7K	NW Netley	G	50 52.31	01 22.73
7L	Hovercraft 4	Y	50 52.66	01 22.42
7N	SWSA/HSC	Y	50 51.76	01 22.28
7P	Hovercraft 3	Y	50 52.43	01 22.01
7Q	Netley	G	50 52.03	01 21.81
7R	Lains Lake	R	50 51.59	01 21.65
7S	Deans Lake	R	50 51.40	01 21.59
7T	Hovercraft 2	Y	50 52.21	01 21.58
7U	Hound	G	50 51.68	01 21.52
7V	Hovercraft 1	Y	50 51.99	01 21.16
7W	After Barn	G	50 51.53	01 20.82
7Y	Cadland	R	50 51.02	01 20.54
7Z	Greenland	G	50 51.11	01 20.38
70	Cathead *	Y	50 50.61	01 19.24
71	Mark *	Y	50 49.56	01 18.94
72	Hamble Point	YB	50 50.15	01 18.66
73	Bald Head	G	50 49.80	01 18.07
74	Sposa *	Y	50 49.66	01 17.59
75	Magazine *	Y	50 52.83	01 23.98
76	Test	R	50 52.59	01 23.45
77	Fawley Deep	G	50 50.42	01 19.19
78	Hook #	G	50 49.52	01 18.30

Only used for passing and keeping boats out of channel, not for ordinary rounding.
Use of other main channel marks should be minimised

Most yellow race marks are seasonal March-November
* These marks may be in place all year round

Mark codes are mainly in order by longitude from west to east, except Zone 2 is split into Mainland, Middle, and Island Side.
Marks added to the list since 2010 may be at the end of their Zones. "Missing" codes are spares.

Zone 8 Local Marks & Positions				
ID	Name	Colour	Lat N	Long W
8A				
8B				
8C				
8D				
8E				
8F				
8G				
8H				
8J				
8K				

8L to 8Y are standard positions for movable marks. The buoy will be described, e.g. "black inflatable."

8L	0.2M SSE of 4D Calshot N Cardinal		50 48.28	01 16.90
8M	0.4M W of 4N YachtDataBank		50 47.22	01 16.46
8P	0.4M W of 4W Ancasta		50 47.30	01 15.25
8Q	0.4M SE of 4Q John Fisher		50 48.28	01 15.21
8R	0.3M SE of 4S Royal Southern		50 48.64	01 15.00
8S	0.4M SE of 4T Norris		50 45.72	01 14.95
8T	0.3M SSW of 4Y N.Ryde Middle		50 46.33	01 14.50
8U	0.4M SE of 4V Hamble Yacht Servs		50 47.90	01 14.20
8V	0.5M ENE of 4V Hamble Yacht Servs		50 48.28	01 13.98
8W	0.5M SE of 4Y N. Ryde Middle		50 46.40	01 13.58
8X	0.6M SE of 40 Howden Fastnet		50 47.47	01 12.90
8Y	0.6M SE of 44 Royal Yacht Squadron		50 47.00	01 11.30

8Z				
81				
82				
83				
84				
85				
86				

Zone 9 Laid Marks				
ID	Name	Colour	Lat N	Long W
9A	Windward Laid Mark			
9B	Windward Spreader Mark			
9C	Leeward Laid Mark			
9D	Leeward Spreader Mark			
9E	Leeward Gate			
9F	Middle Gate			
9G	Wing Mark			
9H	Outer Distance Mark			
9J	Finish Mark			
9K	Far Windward Mark			
9L	Far Windward Spreader			
9M	Near Windward Mark			
9N	Near Windward Spreader			
9P				
9Q				
9R				
9S				
9T				
9U				
9V				
9W				
9X				
9Y				
9Z				

APPENDIX 2 - Windward-Leeward Courses

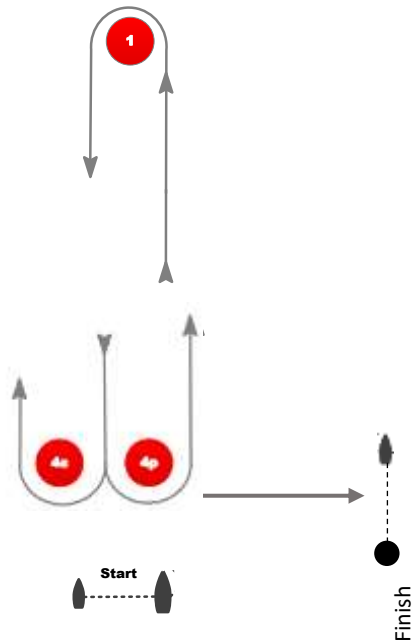
L	COURSE: WINDWARD / LEEWARD
Signal	Mark Rounding Order
L2	Start - 1 - 4s/4p - 1 - Finish
L3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - Finish
L4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - Finish

LR	COURSE: WINDWARD / LEEWARD with reaching finish
Signal	Mark Rounding Order
LR2	Start - 1 - 4s/4p - 1 - 4p - Finish
LR3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4p - Finish
LR4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 4p - Finish

LA	COURSE: WINDWARD / LEEWARD with spreader mark
Signal	Mark Rounding Order
LA2	Start - 1 - 1a - 4s/4p - 1 - 1a - Finish
LA3	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - Finish
LA4	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - Finish

LRA	COURSE: WINDWARD / LEEWARD with spreader mark and reaching finish
Signal	Mark Rounding Order
LRA2	Start - 1 - 1a - 4s/4p - 1 - 1a - 4p - Finish
LRA3	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 4p - Finish
LRA4	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 4p - Finish

LRE	COURSE: WINDWARD / LEEWARD With extended reaching finish
Signal	Mark Rounding Order
LRE2	Start - 1 - 4s/p - 1 - 4p - Finish
LRE3	Start - 1 - 4s/p - 1 - 4s/p - 1 - 4p - Finish
LRE4	Start - 1 - 4s/p - 1 - 4s/p - 1 - 4s/p - 1 - 4p - Finish



LREA	COURSE: WINDWARD / LEEWARD With spreader mark and extended reaching finish
Signal	Mark Rounding Order
LREA2	Start - 1 - 1a - 4s/p - 1 - 1a - 4p - Finish
LREA3	Start - 1 - 1a - 4s/p - 1 - 1a - 4s/p - 1 - 1a - 4p - Finish
LREA4	Start - 1 - 1a - 4s/p - 1 - 1a - 4s/p - 1 - 1a - 4s/p - 1 - 1a - 4p - Finish

