

INSHORE ANNUAL / SPRING / SUMMER SERIES POINTSCORE

Category 7 – Results on ORC, IRC & PHS for Divisions 1, 2 & 3

SCHEDULE OF RACES

RACE *	DATE	START	EVENT	SIs
1	Saturday, 14 September 2024	1255	Inshore Annual & Adams 10 Pointscore (Spring Series)	CCIS
2	Saturday, 28 September 2024	1255	Inshore Annual & Adams 10 Pointscore (Spring Series)	CCIS
3 4 5	Saturday, 19 October 2024	1200	Inshore Annual & Adams 10 Pointscore (Spring Series)	SHSS
6	Saturday, 26 October 2024	1255	Inshore Annual & Adams 10 Pointscore (Spring Series)	CCIS
7	Saturday, 9 November 2024	1255	Inshore Annual & Adams 10 Pointscore (Spring Series)	CCIS
8 9 10	Saturday, 16 November 2024	1200	Inshore Annual & Adams 10 Pointscore (Spring Series)	SHSS
11	Saturday, 30 November 2024	1255	Inshore Annual & Adams 10 Pointscore (Spring Series)	CCIS
12	Saturday, 14 December 2024	1255	Inshore Annual & Adams 10 Pointscore (Summer Series)	CCIS
13	Saturday, 18 January 2025	1255	Inshore Annual & Adams 10 Pointscore (Summer Series)	CCIS
14	Saturday, 1 February 2025	1255	Inshore Annual & Adams 10 Pointscore (Summer Series)	CCIS
15	Saturday, 22 February 2025	1255	Inshore Annual & Adams 10 Pointscore (Summer Series)	CCIS
16	Saturday, 15 March 2025	1255	Inshore Annual Pointscore (Summer Series)	CCIS
17 18 19	Saturday, 22 March 2025	1200	Inshore Annual & Adams 10 Pointscore (Summer Series)	SHSS
20	Saturday, 29 March 2025	1255	Inshore Annual & Adams 10 Pointscore (Summer Series)	Event SIs

* Race Numbers are for the Inshore Annual Series

SAILING INSTRUCTIONS

CCIS - refer to the Sydney Harbour Combined Clubs Inshore Series Sailing Instructions which follow on page 46 and are posted on the MHYC [Keelboat Racing Noticeboard](#) along with the Series Notice of Race.

SHSS - refer to the Sydney Harbour Sprint Series Sailing Instructions which follow on page 51 and are posted on the MHYC [Keelboat Racing Noticeboard](#) along with the Series Notice of Race.

Event SIs - refer to the MHYC Event Sailing Instructions which are available before each race day and posted on the MHYC [Keelboat Racing Noticeboard](#).

Scoring & Prizes - refer to the notice posted on the MHYC [Keelboat Racing Noticeboard](#).



SAILING INSTRUCTIONS

Please also refer to the 2024-2025 Sydney Harbour Combined Clubs Series Notice of Race which is posted on the MHYC [Keelboat Racing Noticeboard](#).

Important Note: The Race Management Channel for the Combined Clubs Series is VHF 73.

The Organising Authority (OA) for the Combined Clubs' Inshore Series (CCIS) is the Middle Harbour Yacht Club (MHYC), Manly Yacht Club (MYC), Royal Australian Naval Sailing Association (RANSA), Royal Prince Edward Yacht Club (RPEYC), Royal Sydney Yacht Squadron (RSYS) and Vaucluse Yacht Club (VYC).

The race committee referred to in the notice of race and these sailing instructions will consist of one representative from each participating club.

The notation (NP) in a rule means that a boat may not protest another boat for infringing that rule. This changes RRS 60.1(a). (DP) denotes a rule for which the penalty is at the discretion of the protest committee.

1 RULES

- 1.1 Racing will be governed by the rules as defined in the World Sailing Racing Rules of Sailing (RRS) as amended.
- 1.2 All boats shall have a current valid AS Special Regulations Category 7, or higher, Equipment Audit Form. Equipment Audit Forms will expire on 30 June immediately following the date of the audit unless an extension is granted by the OA. Random equipment audits may be made throughout the season. Any boat failing to comply with equipment requirements may be subject to protest by the race committee.
- 1.3 These sailing instructions take precedence for MHYC, MYC, RANSA, RPEYC, RSYS and VYC season point score races scheduled for 14 and 28 September, 26 October, 9 and 30 November, 14 December 2024, 18 January, 1 and 22 February and 15 March 2025.
- 1.4 In the event of conflict between any of the rules or regulations, other than RRS, the sailing instructions will prevail. This changes 63.7.

2 CHANGES TO THE SCHEDULE & SAILING INSTRUCTIONS

- 2.1 Any change to the sailing instructions will be posted by 1000hrs on the day of the race. Any change to the schedule of races will be posted by 1800hrs on the day before the race.

3 COMMUNICATION WITH COMPETITORS

- 3.1 Notices to competitors will be posted on the official notice boards located at MHYC, MYC, RANSA, RPEYC, RSYS and VYC. Notices will also be available on each club's website.
- 3.2 The race committee intends to monitor VHF channel 73 and will use the radio to advise competitors of race information.
- 3.3 (DP) Boats which retire from a race before finishing are required to notify the race committee on VHF channel 73, or by phoning the conducting club. Contact numbers can be located in clause 19 of these sailing instructions.

- 3.4 (DP) No other transmissions are permitted by competing yachts during each racing day from the first warning signal until the end of the race except in an emergency.

4 SIGNALS MADE ASHORE

- 4.1 Signals made ashore will be displayed at MHYC, MYC, RANSA, RPEYC, RSYS and VYC on the clubs' flag masts.
- 4.2 When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 30 minutes' in Race Signals AP.

5 SCHEDULE OF RACES

- 5.1 The following races are scheduled:

Date	Race	Race Committee
Sat 14 September	Race 1	RSYS
Sat 28 September	Race 2	MHYC
Sat 26 October	Race 3	RPEYC
Sat 9 November	Race 4	RSYS/VYC
Sat 30 November	Race 5	MHYC/MYC
Sat 14 December	Race 6	RANSA
Sat 18 January	Race 7	RANSA
Sat 1 February	Race 8	MHYC
Sat 22 February	Race 9	RSYS
Sat 15 March	Race 10	RPEYC

6 START TIME & CLASS FLAGS

- 6.1 The scheduled time of the warning signal for each division and the respective division flags are:

Scheduled Time	Division	Flag Displayed
1250 hrs	Division 1	Q
1255 hrs	Division 2	K
1300 hrs	Division 3	R
1305 hrs	Non-Spinnaker Division	F

- 6.2 Boats intending to race are required to report to the committee vessel with their mainsails hoisted and on starboard tack before the first warning signal of the day and receive acknowledgement. Failure to observe this requirement may result in a boat being scored DNC.

7 RACING AREA

Racing shall be conducted on Sydney Harbour.

8 COURSES

- 8.1 Course descriptions are as described in Addendum 1.
- 8.2 The course to be sailed will be indicated by the appropriate numeral pennant.
- 8.3 Boats shall proceed to all marks of the course in the order listed and leave each mark on the required side.
- 8.4 All marks are to be passed to STARBOARD unless the mark is suffixed (P), which indicates the mark is to be passed to PORT.

9 SHORTENED COURSE

- 9.1 In the event of the course being shortened before the start, flag S will be displayed with the course signal with two sound signals. Boats are to proceed directly to the finish line after leaving the mark indicated by an asterisk (*) in the courses listed in Addendum 1.
- 9.2 Courses may be shortened after the start in accordance with RRS 32.

10 MARKS

- 10.1 Mark descriptions as per Addendum 2.

11 AREAS THAT ARE OBSTRUCTIONS

- 11.1 (NP) (DP) The following areas are prohibited and deemed to be continuing obstructions. Boats infringing this instruction may be subject to protest:
- (a) **Other Starting and Finishing Lines** – the starting or finishing lines of another division or another club's race.
 - (b) **Cardinal Marks** – the areas bounded by cardinal marks.
 - (c) **Moorings** – mooring areas. Naval and shipping moorings are excluded from this clause.
 - (d) **Shark Island** – the areas between the AS Shark Island Mark (SM) and Shark Island or between Shark Island and the Shark Island Light (north of Shark Island)
 - (e) **Garden Island and Chowder Bay** – the areas within the yellow markers in the vicinity of Garden Island or near the naval wharf in Chowder Bay.

12 THE START

- 12.1 The starting line will be between the staff displaying an orange flag on the committee vessel and the course side of an orange or red inflatable buoy marked with MHYC, MYC, RANSA, RPEYC, RSYS or VYC. The committee vessel will be identified by the burgee of the conducting club.

13 RECALLS

- 13.1 To assist competitors, the race committee may advise individual and general recalls over VHF 73 This changes RRS 29.1 and 29.2.
- 13.2 Any error or omission in the advice referred to in clause 13.1 above will not be grounds for protest or redress. This changes RRS 62.1(a).

14 THE FINISH

- 14.1 The finish line will be between the staff displaying a blue flag on the committee vessel at the starboard end of the line and the course side of an orange or red inflatable buoy marked with MHYC, MYC, RANSA, RPEYC, RSYS or VYC.

15 TIME LIMIT

- 15.1 The absolute time limit will be 1730 hours.
- 15.2 If one boat finishes within the time limit, all boats that have started and not finished by the time limit will be scored DNF. This changes RRS 35.

16 PROTESTS AND REQUESTS FOR REDRESS

- 16.1 Protests are to be lodged in accordance with RRS 61 and requests for redress in accordance with RRS 62 as amended by 16.2, 16.3 and 16.4 below.
- 16.2 Protests and requests for redress shall be lodged in writing in person or by electronic means with the conducting club of the day.
- 16.3 The time limit for the lodging of protests or requests for redress involving an incident in the racing area will be 1000 hours on the first working day after the event. This changes RRS 61 and 62.

- 16.4 Protests and requests for redress will be heard at the clubhouse of the duty or conducting club on the following Wednesday unless otherwise decided by the Combined Clubs' race committee. The hearing time will be advised to the parties involved.

17 NSW ROADS and MARITIME SERVICES REGULATIONS

- 17.1 (NP) Boats shall not interfere with the Commercial or Defence shipping of the Port. The attention of skippers is drawn to NSW Roads and Maritime Services (NSW RMS) regulations regarding the right of way of vessels entering or leaving port, ferries displaying orange diamonds and vessels engaged in towing. NSW RMS regulations specify "*Priority over Sail – some Commercial Ferries on Sydney Harbour display an orange diamond shape which grants priority of way over sailing vessels. Do not attempt to cross the path of an approaching ferry displaying this signal.*" Boats found to have interfered with commercial shipping may be subject to action by the race committee in accordance with RRS 60.2.
- 17.2 (NP) All boats must abide by traffic directions of NSW RMS Boating Service Officers and NSW Port Authority. Any boat directed to stop or alter course by NSW RMS Boating Service Officers as a result of an anticipated breach of the above rules, incident/collision or complaint shall do so immediately.
- 17.3 (NP) Any boats reported by NSW RMS as having contravened NSW RMS regulations shall be disqualified without a hearing. This amends RRS 63.1. Any alleged infringement of this clause shall not be grounds for protest by another competitor.
- 17.4 Competitors are required to notify the duty club (MHYC, MYC, RANSA, RPEYC, RSYS or VYC) of any contact incident occurring during racing whether or not it results in a race protest or a report to NSW RMS. MHYC, MYC, RANSA, RPEYC, RSYS and VYC are obliged under the terms of their Exemption Orders to prepare a report of all contact incidents occurring during racing whether or not injury or an insurance claim results.

18 RESPONSIBILITIES

- 18.1 The attention of competitors is drawn to the responsibilities of owners and skippers as detailed in the Notice of Race clauses 15.1 - Risk Warning, 15.2 - Competitors Declaration, 15.3 - Disclaimer of Liability and 16.1 - Safety Requirements.

19 FURTHER INFORMATION

For further information please contact:

- MHYC email: sailing@mhyc.com.au or telephone: (02) 9969 1244
- MYC email: sailing@myc.com.au or telephone: (02) 9977 4949
- RANSA email: sailing@ransa.com.au or telephone: (02) 9363 9939
- RSYS email: sailing@rsys.com.au or telephone: (02) 9017 0152
- RPEYC email: sailing@rpeyc.com.au or telephone (02) 9363 5809
- VYC email: vaucluseyachtclub@gmail.com or telephone (02)9337 5775

Addendum 1 – Courses

2024-2025 Combined Clubs’ Inshore Series

Division	Start Area											Finish Area	Length (nm)
Course 1 – North - North East													
Div 1	Between E and W Channels	MW	ME	*N3	MW	ME	PP					Between E and W Channels	15.5
Div 2		CP	*PP	CP	PP								13
Div 3 & Non-spin		LB	PP	NP	*PP	EC	PP						9.5
Course 2 – North East													
Div 1	Between E and W Channels	CP	N3	EC	SM	*N3	LB	SM				Between E and W Channels	15
Div 2		LB	N3	EC	SM	*N3	LB	SM					12.5
Div 3 & Non-spin		LB	SM	*N3	LB	SM							9
Course 3 – East													
Div 1	Vicinity Athol Bay	SM	KP	SM	PP	*CBS	LB	KP	SM	CBS		Between E and W Channels	14.0
Div 2		SM	KP	SM	PP	*CBS	SM	KP	SM	PP	CBS		12.5
Div 3 & Non-spin		SM	N2	SM	PP	*CBS	EC	SM	CBS				9.5
Course 4 – East													
Div 1	Vicinity N3	SM	KP	OB	LB	*SM	KP	SM	CBS			Between E and W Channels	14
Div 2		SM	KP	EC	*SM	KP	SM	CBS					11.6
Div 3 & Non-spin		SM	KP	EC	*SM	PP	CBS						9.1
Course 5 – South East													
Div 1	Taylors Bay	RB	KP	SM	PP	OB	RB	*KP	SM	PP	TB	Rose Bay	15.5
Div 2		RB	KP	SM	PP	TB	RB	*KP	SM	PP	TB		13.0
Div 3 & Non-spin		RB	KP	RB	SM	*CBS	SM	TB					10
Course 6 – South East													
Div 1	Taylors Bay	SM	KP	RB	PP	OB	*EC	SM	TB			Rose Bay	12.1
Div 2		SM	KP	SM	OB	*EC	SM	TB					10.9
Div 3 & Non-spin		SM	KP	*CBN	SM	TB							8.8
Course 7 – South and South West													
Div 1	Between E and W Channels	PP	CP	PP	*OB	PP	OB					Rose Bay	15.5
Div 2		SM	OB	SM	CBS	PP	*CBS	SM	OB				12.5
Div 3 & Non-spin		SM	CBN	PP	*CBS	SM	OB						10.5
Course 8 – West													
Div 1	West of Shark Island	KP	EC	SM	KP	*SM	KP	EC	SM			North of Clark Island	15.0
Div 2		KP	NP	SM	KP	*SM	KP	SM					12.5
Div 3 & Non-spin		KP	NP	SM	N3	*SM	KP	SM					10.5
Course 9 – North and North West													
Div 1	Between E and W Channels	OB	EC	PP	OB	*RB	OB	PP	OB	SM		Between E and W Channels	15.0
Div 2		OB	EC	SM	OB	*RB	CBS	PP	OB	SM			13.5
Div 3 & Non-spin		OB	EC	SM	OB	*PP	CBS	SM					9.5

NB: The Start and Finish areas described above as ‘Between E and W Channels’ will be in the area west of Watsons Bay.

Addendum 2 – Mark Descriptions

Refer to MHYC Appendix 1 on page 99.

SYDNEY HARBOUR

SPRINT SERIES

SAILING INSTRUCTIONS

Please also refer to the Sydney Harbour Sprint Series (SHSS) Notice of Race which is posted on the MHYC [Keelboat Racing Noticeboard](#) and [Series Webpage](#).

The notation '[DP]' in a rule in the NoR means that the penalty for a breach of that rule may, at the discretion of the protest committee, be less than disqualification. The notation '[NP]' in a rule of the NoR or Sailing Instructions (SIs) means that a boat may not protest another boat for breaking that rule. This changes RRS 60.1(a).

1 RULES

- 1.1 The Series will be governed by the rules as defined in *The Racing Rules of Sailing* and the Prescriptions and Special Regulations of Australian Sailing (Special Regulations) as amended. All boats shall have a valid Australian Sailing (AS) Special Regulations Category 7 (or higher)
- 1.2 Equipment Audit. Any boat failing to comply with equipment requirements may be subject to protest by the race committee.
- 1.3 RRS 51 is amended so that boats with movable or variable ballast (within the meaning of those terms in the Special Regulations) may move that ballast for the purpose of changing trim or stability.
- 1.4 RRS 52 is amended so that electric winches and canting keels may be adjusted using the boat's electrical system.
- 1.5 In the event of conflict between any of the rules or regulations, other than RRS, the sailing instructions will prevail. This changes RRS 63.7.

2 NOTICES TO COMPETITORS

- 2.1 Notices to competitors will be posted on the [official notice board](#) online.
- 2.2 Competitors may be advised of the intended race area via email or text.

3 CHANGES TO SAILING INSTRUCTIONS

- 3.1 Any change to the sailing instructions will be posted on the [official notice board](#) before 0900hrs on the day it will take effect, except that any change on the water will be announced on the VHF race management channel after display of Code Flag L with one sound.
- 3.2 Competitors may be advised of a change to the sailing instructions via email or text.

4 SIGNALS MADE ASHORE

- 4.1 Signals made ashore will be displayed on the start box flagstaff on the north-eastern corner of MHYC and may be repeated at other clubs.
- 4.2 When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 60 minutes' in the race signal AP.
- 4.3 Competitors may be advised of a postponement via email or text.

5 SCHEDULE

- 5.1 **Sydney Harbour Sprint Series – Spring 2024**
 - Saturday 19 October (3 races)
 - Saturday 16 November (3 races)
 - Saturday 22 March (3 races)
- 5.2 **Sydney Harbour Sprint Series – Winter 2025**
 - Saturday 17 May (3 races)
 - Saturday 14 June (3 races)
 - Saturday 19 July (3 races)

- 5.3 A maximum of 9 races may be sailed in each series.
- 5.4 The scheduled time of the warning signal for the first race is 1155hrs each day.
- 5.5 No warning signal will be made after 1600hrs.

6 CLASS FLAGS

The Class flag will be as follows:
Division 1 – Code Flag Delta (D)
Division 2 – Code Flag Echo (E)
Division 3 – Code Flag Foxtrot (F)

7 RACING AREAS

Attachment A shows the location of windward-leeward racing areas.

8 THE COURSES

- 8.1 The diagram and tables in Attachment B show the courses, the order in which marks are to be passed, and the side on which each mark is to be left.
- 8.2 No later than the warning signal, the course to be sailed will be displayed on a Course Board on the CV, preceded by the letter 'W', to indicate the number of roundings of the Windward
- 8.3 Mark/s.
- 8.4 The race committee may display the approximate compass bearing of the first leg.
- 8.5 The Gate will be laid approx. 50-100m to windward of the Start Line.
In the event that either Gate Mark (2S or 2P) is not in place, boats shall round the sole leeward
- 8.6 mark to port.
If an offset mark is laid adjacent to Mark 1, 1A or 1B, boats shall round the designated windward mark and the adjacent offset mark to port.

9 MARKS

- 9.1 Marks are described in Attachment B.

10 AREAS THAT ARE OBSTRUCTIONS

- 10.1 Boats shall pass on the safe water side of the following Cardinal Marks:
 - (a) Gowlland Bombora (Dobroyd Head) – All Marks
 - (b) Sow and Pigs Reef– All Marks
 - (c) Shark Island– South and West Marks
- 10.2 Boats shall not sail in the following prohibited areas:
 - (a) The area bounded by imaginary lines projected from the shore joining the West, South and East Cardinal Marks surrounding Gowlland Bombora.
 - (b) The area bounded by imaginary lines joining the North, East, South and West Cardinal Marks surrounding Sow and Pigs Reef.
- 10.3 For the purpose of RRS 19 and 20, all Cardinal Marks surrounding the Gowlland Bombora and the Sow and Pigs Reef and all imaginary straight lines projected between such marks, are deemed obstructions.

11 THE START

- 11.1 Races will be started by using RRS 26 with the warning signal made no less than 5 minutes before the starting signal.
- 11.2 The starting line will be between a staff displaying an orange flag on the committee vessel at the starboard end and the course side of the port-end starting mark.
- 11.3 A boat that does not start within 5 minutes after her starting signal will be scored Did Not Start without a hearing. This changes RRS A4 and A5.

12 CHANGE OF THE NEXT LEG OF THE COURSE

- 12.1 To change the next leg of the course, the race committee will move the original mark (or the finishing line) to a new position.
- 12.2 Except at a gate, boats shall pass between the race committee boat signalling the change of the next leg and the nearby mark, leaving the mark to port and the race committee boat to starboard. This changes rule 28.1.

13 THE FINISH

- 13.1 The finishing line will be between a staff displaying a blue flag on the committee boat and the course side of the finishing mark.
- 13.2 When a finish mark with a black & white chequered band is laid on the starboard side of the race committee vessel, boats shall finish by passing the committee vessel to starboard and the B&W finish mark to port.
- 13.3 When a finish mark with a black & white chequered band is not laid on the starboard side of the race committee vessel, boats shall finish by passing the committee vessel to port and the yellow start mark to starboard.

14 TIME LIMITS AND TARGET TIMES

14.1	Race Time Limit	60 mins
	Windward Mark (1 / 1A / 1B) Time Limit	20 mins
	Target Time	30-40 mins
	Finish Window	10 mins

- 14.2 If no boat has passed the Windward Mark within the Windward Mark time limit, the race will be abandoned for that division. Failure to meet the target time will not be grounds for redress. This changes RRS 62.1(a).
- 14.3 Boats failing to finish within 10 minutes after the first boat in that division sails the course and finishes will be scored Did Not Finish without a hearing. This changes RRS 35, A4 and A5.

15 PROTESTS AND REQUESTS FOR REDRESS

- 15.1 Protest forms and requests for redress shall be delivered to the MHYC Sailing Office or via email to sailing@mhyc.com.au within the appropriate time limit.
- 15.2 The protest time limit is 120 minutes after the last boat has finished the last race of the day or the race committee signals no more racing today, whichever is later.
- 15.3 Notices will be posted no later than 120 minutes after the protest time limit to inform competitors of hearings in which they are parties or named as witnesses. Hearings will be held at MHYC unless the Protest Committee directs otherwise.
- 15.4 Notices of protests by the race committee, technical committee or protest committee will be posted to inform boats under RRS 61.1(b).
- 15.5 Breaches of SIs 14 and 17 - 22 will not be grounds for a protest by a boat. This changes RRS 60.1(a).

16 SCORING

- 16.1 RRS Appendix A5.3 will apply.
- 16.2 3 races are required to be completed to constitute a series.
- 16.3 When fewer than 5 races have been completed, a boat's series score will be the total of her race scores.

17 SAFETY REGULATIONS

- 17.1 Boats intending to race shall report to the committee vessel prior to their first warning signal, on starboard tack, with mainsail hoisted, to confirm their intention to race. Boats that cannot be identified may be scored 'DNC'. [DP]
- 17.2 Boats that cannot be identified may be scored 'DNC'. [DP]
- 17.3 A boat that retires from a race shall notify the race committee as soon as possible. [DP]
- 17.4 All boats shall monitor the race management channel VHF 72. [DP]

18 EVENT ADVERTISING

Refer SHSS NOR 8.

19 RUBBISH DISPOSAL

Competitors shall not dispose rubbish into the water. Rubbish may be placed aboard support or official boats.

20 PRIZES

Refer SHSS NOR 14.

21 DISCLAIMER OF LIABILITY

Refer SHSS NOR 15.

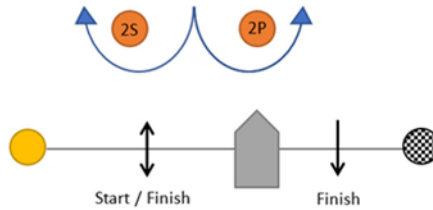
22 INSURANCE

Refer SHSS NOR 16.

Attachment A – Approximate Windward-Leeward Race Areas



Attachment B – Windward Leeward Courses



COURSE MARKS	MARK DESCRIPTIONS
Start & Finish Mark	Yellow Inflatable Buoy
Alternative Finish Mark (if laid)	Inflatable Buoy with Black & White Chequered Band
Division 3 Windward Mark - Mark 1	Pink Inflatable Buoy
Division 2 Windward Mark - Mark 1A	Orange Inflatable Buoy
Division 1 Windward Mark - Mark 1B	Yellow Inflatable Buoy
Offset Marks (if laid)	Orange Buoys
Gates 2S & 2P	Orange Inflatable Buoys

COURSE SIGNAL	COURSE
W1	Start – 1 or 1A or 1B – Finish
W2	Start – 1 or 1A or 1B – Gate (2P/2S) – 1 or 1A or 1B – Finish
W3	Start – 1 or 1A or 1B – Gate (2P/2S) – 1 or 1A or 1B – Gate (2P/2S) – 1 or 1A or 1B – Finish