



**470** Junior  
World  
Championships  
20 - 26 June 2016  
Kiel, Germany



# Sailing Instructions

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**The event is organized by:**

- Kieler Yacht-Club (KYC)
- Norddeutscher Regatta Verein (NRV)
- Verein Seglerhaus am Wannsee (VSaW)
- Hamburger Segel-Club (HSC)

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[NP] denotes a rule that shall not be grounds for protests by a boat. This changes RRS 60.1(a).

[DP] denotes a Rules for which the penalties are at the discretion of the International Jury

[SP] denotes a Rules for which a standard penalty may be applied by the Race Committee without a hearing or a discretionary penalty applied by the international jury as a result of a hearing

## **1. RULES**

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

1.2 If there is a conflict between languages the English text shall prevail.

1.3 No national prescriptions will apply.

1.4 Competitors shall wear personal flotation devices at all times while afloat, except briefly while changing or adjusting clothing or personal equipment. This changes RRS 40 and the preamble of RRS part 4.

1.5 Jury-Hearings may be conducted under an arbitration system, see addendum "Arbitration System".

1.6 RRS Appendix P, Special Procedures for Rule 42, will apply.

1.7 For Medal Race only:

RRS Addendum Q, Umpired Fleet Racing, will apply and changes a number of racing rules. The version that is current when the regatta begins will appear in full with the Sailing Instructions.

1.8 No class rule variations will apply.

## **2. [DP] [NP] IDENTIFICATION; CAMERAS AND ELECTRONIC EQUIPMENT**

2.1 If bibs will be provided by the Organizing Authority, while racing, competitors aboard the boats ranked first, second and third in the series at the beginning of that day, shall wear yellow, blue and red bibs respectively.

2.2 [SP] 470 boats are required to display national flags on their mainsails. The flags shall be as specified in class rule C.10.4(a)(4).

2.3 Boats may be required to display advertising and bow numbers chosen and supplied by the Organizing Authority. These shall be displayed according to the description as described and posted on the official notice board.

2.4 For split fleets events, boats shall display a coloured ribbon corresponding to the fleet to which she has been assigned. The ribbons shall be fixed above the upper batten of the mainsail. The organising authority will supply the ribbons.

2.5 [SP] Boats assigned to install and operate onboard camera units or equivalent dummy devices shall pick up their units every morning at the Check-In and shall return them no later than end of

protest time. Boats assigned to install camera units will be informed before 2100 hrs. the day before. A crew member of these boats shall join the instruction meeting at 0900 hrs. at the Check-In / Sailors Info.

2.6 [DP] The Organizing Authority may request competitors to carry on board and use two-way communication devices for media interviews. Using this device for media interviews does not violate SI 25.

2.7 [SP] The GPS positioning tracking units shall be picked up every morning at the Check-In-Desk and shall be returned no later than end of protest time.

2.8 A media TV boat may be positioned inside the racing area. This will not be ground for redress. This changes RRS 62.1 (a).

### **3. [DP] CODE OF CONDUCT**

3.1 Competitors shall comply with any reasonable requests from a regatta official.

3.2 Competitors shall handle any boats or equipment provided by the organizing authority with proper care and seamanship, and in compliance with any written instructions.

### **4. NOTICES TO COMPETITORS**

Notices to competitors will be posted on the official notice board as shown in Addendum "Harbour Map and Locations". Notices may be posted on the web site and may be through electronic displays.

### **5. CHANGES TO THE SAILING INSTRUCTIONS**

5.1 Any change to the sailing instructions will be posted before 0900 hrs. on the day it will take effect. Any change to the format or schedule of races will be posted before 2100 hrs. on the day before it will take effect.

5.2 Any reassignment of events or fleets to course areas will be posted before 0900 hrs. on the day it will take effect, or if flag AP is displayed ashore, 30 minutes before flag AP for that class/event or fleet is removed or 30 minutes before flag D for that class/event or fleet is displayed.

### **6. SIGNALS MADE ASHORE**

6.1 Signals made ashore will be displayed at the main flagpole at the locations as shown in Addendum "Harbour Map and Locations".

6.2 When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 60 minutes' in the race signal AP, except for the classes/events assigned to the race areas INDIA, HOTEL and GOLF for which '1 minute' is replaced with 'not less than 30 minutes'. This changes Race Signals AP

6.3 [NP][DP] Flag D displayed ashore with one sound means 'The warning signal will be made not less than 60 minutes after flag D is displayed except for the classes/events assigned to the race areas INDIA, HOTEL and GOLF for which the warning signal will be made not less than 30 minutes after flag D is displayed'. Boats shall not to leave their berth until this signal is made.

6.4 When a visual signal is displayed over a class/event or fleet flag, the signal applies only to that class/event or fleet. This changes the preamble of Race Signals.

### **7. REGATTA FORMAT**

7.1 10 races plus Medal race / Last race are scheduled for each event.

7.2 Each event shall consist of an opening series and a medal race, provided a minimum of six races have been completed in the opening series.

7.3 If an event has a large number of entries, the Organizing Authority may split the fleet. See Addendum "Split Fleet Sailing". This will be announced on the official notice board.

7.4 The opening series may be divided into a qualifying series and a final series. The top ten finishers in the opening series of each event shall advance to the medal race.

7.5 Opening Series:

7.5.1 Qualifying Series:

If a minimum of five races has been completed at the end of the second scheduled racing day in the qualifying series the final series will commence on the next day of racing. If a minimum of five races

has not been completed at the end of the second scheduled racing day the qualifying series will continue until the end of a racing day when a minimum of five races has been completed. After the qualifying series has been completed, the final series begins.

#### 7.5.2 Final Series:

A maximum of 5 races plus medal race / last race are scheduled for each event.

7.6 If there would be less than 45 entries at an event, then the championship will be competed in one single fleet with 10 final races plus a Medal Race / Last Race. At the discretion of the organising authority the numbers assigned to any fleet may be amended.

#### 7.7 Medal Race:

7.7.1 The top ten finishers in the Opening Series of each event will advance to the Medal Race, provided a minimum of six races have been completed in the Opening Series.

7.7.2 Assignments to the Medal Race will be based on the ranking available at 0800 hrs. on the day of the Medal Race. The protest committee may extend the time limit.

#### 7.8 Last Race:

The boats not competing in the medal race will sail in the last race.

### 8. SCHEDULE

8.1 A first skippers meeting will be held on Tuesday, 21 June 2016 at the Opening Ceremony.

8.2 A daily coach meeting will be held at the boot Düsseldorf Club at 0900 hrs.

8.3 The daily race schedule and the scheduled time of the warning signal for the first race of the day are shown in Addendum "Schedule of races".

8.4 The daily number of races scheduled including Medal Race, if any, is shown in Addendum "Schedule of races".

8.5 The Medal Race and the last race, if held, will take place on Sunday, 26 June 2016.

8.6 To alert boats that a race or sequence of races will begin soon, the orange starting line flag will be displayed with one sound signal at least five minutes before a warning signal is made.

8.7 On the last day of racing, no warning signal will be made after 1400 hrs.

8.8 No more than three races shall be sailed each day.

### 9. CLASS FLAGS

Event	Class Insignia	Background Colour/ Colour of the class insignia
470 M	470	Light blue / black
470 W	470	Yellow / black

### 10. RACING AREAS

10.1 Addendum "Racing Areas" shows the location of racing areas.

10.2 Events are assigned to course areas as stated in Addendum "Schedule of races".

10.3 The locations of the racing areas for the medal races and the last race will be posted in accordance with SI 5.1

### 11. THE COURSES

11.1 The diagrams in Addendum "Course Illustrations" show the courses, the order in which marks are to be passed, and the side on which each mark is to be left.

11.2 No later than the warning signal, the race committee will display the approximate compass bearing of the first leg and the course to be sailed according to the course diagram.

11.3 Course Signals will be given as follows:

11.3.1 Black board with a white number as course designation: the course to be sailed.

11.3.2 White board with black numbers: the approximate compass bearing of the first leg.

11.3.3 Events sailing split fleets only: Coloured board or flag: Colour of the starting group.

11.4 Courses will not be shortened. This changes RRS 32.

11.5 For the last race only the course may be changed in order to test a new course configuration.

## 12. MARKS

12.1 Mark colors and shapes:

COLOURS AND SHAPES	NEW MARK
Orange Cylinders	For all racing areas a new mark, as described in SI 14.1, will be of the same colour and shape as described but will be marked with a black band.

10.2 An offset (spreader) mark, if applicable, will be a spar buoy displaying a yellow flag.

10.3 The starting and finishing marks will be race committee vessels or spar buoys with orange flags.

10.4 If a leeward mark is shown as gate, the gate may be replaced by a single mark. If a gate is replaced by a single mark, that mark is to be left to port.

## 13. THE START

13.1 The starting line will be between staffs displaying orange flags on the starting marks.

13.2 [DP] A buoy may be attached to the race committee starting vessel ground tackle. Boats shall not pass between this buoy and the race committee starting vessel at any time.

13.3 If flag U has been displayed as the preparatory signal, no part of a boat's hull, crew or equipment shall be in the triangle formed by the ends of the starting line and the first mark during the last minute before her starting signal. If a boat breaks this rule and is identified, she shall be disqualified without a hearing but not if the race is restarted or re-sailed or postponed or abandoned before the starting signal. This changes rule 26, Starting Races. When flag U is used as the preparatory signal rule 29.1, Individual Recall, does not apply. The scoring abbreviation for a flag U penalty is UFD. This changes RRS Appendix A11, Scoring Abbreviations.

13.4 [DP] Boats whose warning signal has not been made shall avoid the starting area. The starting area is defined as a rectangle 50 meters from the starting line and marks in all directions.

13.5 A boat starting later than 4 minutes after her starting signal will be scored DNS or DNC without a hearing. This changes RRS A4 and A5.

## 14. COURSE CHANGES

14.1 To change the next leg of the course, the race committee will lay a new mark (or move the finishing line) and remove the original mark as soon as practicable. When in a subsequent change a new mark is replaced, it will be replaced by an original mark.

14.2 If a course change affected a windward mark with an associated offset mark, the offset mark will not be moved so that there is no offset mark after the course change.

14.3 Except at a gate, boats shall pass between the race committee boat signalling the change of course and the nearby mark, leaving the mark to port and the race committee boat to starboard. This changes RRS 28.1.

## 15. THE FINISH

The finishing line will be between staffs displaying orange flags on the finishing marks.

## 16. TIME LIMITS AND TARGET TIMES

16.1 Except for medal races, time limits and target times in minutes are as follows:

Event	Target Time	Mark 1 Time Limit	Time Limit	Finishing Window	Protest Time Limit
470 M and 470 W	50	25	75	15	90

16.2 Time limits and target times in minutes for Medal Races are as follows:

Event	Target Time	Mark 1 Time Limit	Time Limit	Finishing Window
470 M and 470 W	25	15	40	10

16.3 Failure to meet the target time will not be ground for redress. This changes RRS 62.1(a).

16.4 Boats failing to finish within the time stated under "Finishing Window" after the first boat of the event/fleet sailed the course and finished will be scored "Did Not Finish" without a hearing. This changes RRS 35, A4 and A5.

## **17. PROTESTS AND REQUESTS FOR REDRESS**

17.1 Protest forms are available at the jury office.

17.2 The protest time limit is as shown in SI 16.1 after the last boat of each fleet has finished the last race of the day or the race committee signals no more racing today, whichever is later.

The protest time limit is 30 minutes after the signal no more racing today is displayed ashore.

17.3 Notices will be posted within 30 minutes after the protest time limit to inform competitors of hearings in which they are parties or named as witnesses. Hearings may be scheduled to begin before the end of protest time. Hearings will be held in the jury rooms, beginning as posted.

17.4 Notices of protests by the race committee or jury will be posted to inform boats under RRS 61.1(b).

17.5 A list of boats that have been penalized under RRS Appendix P for breaking RRS 42 will be posted.

17.6 Penalties for breaches of class rules, or rules in the NoR or SIs marked [DP], are at the discretion of the protest committee.

17.7 Breaches of rules in the NoR or SIs marked [NP] will not be grounds for a protest by a boat. This changes RRS 60.1(a).

17.8 For breaches of the NoR or SIs marked [SP], the Race Committee may apply a standard penalty without a hearing. A list of these breaches and the associated standard penalties will be posted on the Official Notice Board. However, the race committee may protest a boat when they consider the standard penalty to be inappropriate. This changes RRS 63.1 and Appendix A5.

17.9 On the last day of the qualifying series or opening series, or on the last scheduled day of racing, a request for reopening a hearing shall be delivered

(a) within the protest time limit if the requesting party was informed of the decision on the previous day;

(b) no later than 30 minutes after the requesting party was informed of the decision on that day.

This changes RRS 66.

17.10 On the last scheduled day of racing, a request for redress based on a jury decision shall be delivered no later than 30 minutes after the decision was posted. This changes RRS 62.2.

17.11 Decisions of the international jury will be final as provided in RRS 70.5.

## **18. SCORING**

18.1 When fewer than 3 races have been completed, a boat's series score will be the total of her race scores. When 3 or more races have been completed, a boat's series score will be the total of her race scores excluding her worst score.

18.2 Events sailing split fleets only:

18.2.1 All race scores from the qualifying series will be carried forward to the final series.

18.2.2 The discard of the qualifying series at the time of the allocation to the final series fleets may be substituted by a worse score in the final series.

18.2.3 RRS Appendix A4.2 and 44.3 (c) is changed so that those scores are based on the number of boats assigned to the largest fleet in the series.

18.3 Boats sailing Medal Races only:

18.3.1 RRS Appendix A4.1 is changed so that the points scored in the Medal Race are doubled.

18.3.2. The top ten boats overall after the Opening Series in the events will carry forward their overall points to the Medal Race which shall be added to their Medal Race points to give the overall event score.

18.3.3 The Medal Race score shall not be discarded.

18.3.4 For boats assigned to compete in the medal race, ties will be broken by the medal race score. This changes RRS Appendix A8. For tied boats with the same points score in the Medal Race, ties will be broken applying RRS Appendix A8 to the opening series scores.

18.3.5 The boats competing in the Medal Race shall be scored highest in the regatta. This may not apply to a boat disqualified under RRS 5, 6 or 69.

18.3.6 A boat assigned to compete in the medal race shall make a genuine effort to start, sail the course and finish. The penalty for a breach of this instruction will be ranking the boat tenth in the regatta. If there are two such boats, they will be ranked ninth and tenth, in order of their opening-series ranks, and so on. This changes RRS A2.

## **19. [DP] [NP] SAFETY REGULATIONS**

19.1 Boats not leaving the harbour for a scheduled race, shall promptly notify the Race Office.

19.2 On arrival in the racing area each day, a boat shall sail past the stern of the race committee starting vessel on starboard tack and hail her sail number.

19.3 A boat that retires from a race shall notify the race committee as soon as practicable and personally the race office before the end of protest time limit.

19.4 Boats shall avoid commercial traffic and shall cross shipping channels at right angles only.

19.5 In case of a critical weather situation the race committee will give the following signal: three guns with green signal ammunition from a race committee vessel. The signal will be given after all races in the racing area are abandoned. This means:

- For boats: Safety first for all crews. Sail in the safest way to the next harbour.
- For all support boats, coach and spectator boats: Observe and escort competitors leaving the racing area the course and support the race committee in rescuing crews and boats.
- All support and spectator boats shall monitor VHF channel 10 for search and rescue instructions.

19.6 The Race Office telephone number is: +49 (0) 431 240 15 10

Additional Safety Information:

First aid station: +49 (0) 431 240 15-23, after 1800 hrs.: +49 (0) 176 559 103 08

## **20. [DP] REPLACEMENT OF CREW OR EQUIPMENT**

20.1 Substitution of competitors will not be allowed without prior written approval of the race committee and shall comply with any restrictions in the Notice of Race.

20.2 Substitution of damaged or lost equipment limited by the class rules will not be allowed unless approved by the race committee. Requests for substitution shall be made in writing to the race committee at the first reasonable opportunity.

## **21. [DP] EQUIPMENT AND MEASUREMENT CHECKS**

21.1 A boat or its equipment or crew may be inspected by the event measurer or equipment inspector at any time for compliance with a class rule. When instructed on the water, a boat shall promptly proceed to a designated area for inspection.

21.2 Time and place of measurement and inspection will be posted on the official notice board.

## **22. OFFICIAL BOATS**

Official boats will be marked as follows:

Race Committee	white flag with "RC"
Jury	white flag with "Jury"
Measurer / Equipment	white flag with "M"
Rescue/First aid/Medical	pink flag with numbers and "Wasserwacht" or "DLRG"
TV Operating	yellow flag with "TV"
Media level Gold	green flag with "Press"
Media level Silver	red flag with "Press"

## **23. [DP] SUPPORT BOATS**

23.1 Addendum "Support boats regulations" applies to all support boats.

23.2 Addendum "Support boats regulations" parts 4 and 5 applies to spectators boats.

23.3 Support boats shall monitor VHF Channel 69 and comply with any instruction given by the Race Committee or the organizing authority as assistance / rescue boats.

## **24. [DP] BERTHING AND TRASH DISPOSAL**

24.1 Boats shall be kept in their assigned places while they are in the boat park or harbour.

24.2 Trash may be placed aboard support or official boats.

## **25. [DP] RADIO COMMUNICATION**

Except in an emergency, a boat shall neither make radio transmissions while racing nor receive radio communications not available to all boats. This restriction also applies to mobile telephones.

## **26. PRIZES**

26.1 The first crew of the final official ranking list of the Junior World Championships will be declared: "470 CLASS JUNIOR MEN'S WORLD CHAMPION"

and

"470 CLASS JUNIOR WOMEN'S WORLD CHAMPION"

26.2 Medals will be awarded to the first, second and third crews of each Championship by the International 470 Class Association.

26.3 Trophies will be awarded to the first, second and third crews of each Championship by the Organizing Authority.

26.4 Prizes not claimed at the Prize Giving Ceremony will remain with the Organizing Authority.

## **27. DISCLAIMER OF LIABILITY**

Competitors participate in the regatta entirely at their own risk, see RRS 4, Decision to Race. The Organizing Authority will not accept any liability for material damage or personal injury or death sustained in conjunction with or prior to, during, or after the regatta.

## **28. INSURANCE**

Each participating boat shall be insured with valid third-party liability insurance with a minimum cover of 3,000,000.00 EUR per incident or the equivalent.

## ADDENDUM “Schedule of Races”

Event	Tue., 21 June			Wed., 22 June			Thu., 23 June		
	Hrs.	#	Area	Hrs.	#	Area	Hrs.	#	Area
470 M	1500	Practice race	Charly	1200	2	Charly	1100	3	Charly
470 W	1500	Practice race	Charly	1200	2	Charly	1100	3	Charly

Event	Fri., 24 June			Sat., 25 June			Sun., 26 June		
	Hrs.	#	Area	Hrs.	#	Area	Hrs.	#	Area
470 M	1100	2	Charly	1100	3	Charly	TBA	Medal /Last race	TBA
470 W	1100	2	Charly	1100	3	Charly	TBA	Medal /Last race	TBA

## ADDENDUM “Arbitration System”

### 1. Post-Race Penalty

(a) Provided that rule 44.1(b) does not apply, a boat that may have broken one or more rules of Part 2 or rule 31 in an incident may take a Post-Race Penalty at any time after the race until the beginning of a protest hearing involving the incident.

(b) A Post-Race Penalty is a 30% Scoring Penalty calculated as stated in rule 44.3(c). However, rule 44.1(a) applies.

(c) A boat takes a Post-Race Penalty by delivering to the arbitrator or a member of the protest committee a written statement that she accepts the penalty and that identifies the race number and where and when the incident occurred.

### 2. Arbitration meeting

An arbitration meeting will be held prior to a protest hearing for each incident resulting in a protest by a boat involving one or more rules of Part 2 or rule 31, but only if each party is represented by a person who was on board at the time of the incident. No witnesses will be permitted. However, if the arbitrator decides that rule 44.1(b) may apply or that arbitration is not appropriate, the meeting will not be held, and if a meeting is in progress, it will be closed.

### 3. Arbitrator’s opinion

Based on the evidence given by the representatives, the arbitrator will offer an opinion as to what the protest committee is likely to decide:

(a) the protest is invalid,

(b) no boat will be penalized for breaking a rule, or

(c) one or more boats will be penalized for breaking a rule, identifying the boats and the penalties.

### 4. Arbitration meeting outcomes

After the arbitrator offers an opinion,

(a) a boat may take a Post-Race Penalty, and

(b) a boat may ask to withdraw her protest. The arbitrator may then act on behalf of the protest committee in accordance with rule 63.1 to allow the withdrawal.

Unless all protests involving the incident are withdrawn, a protest hearing will be held.

## **ADDENDUM “SPLIT FLEET SAILING”**

### **1. FORMAT OF RACING**

If an event is split into fleets the regatta will be divided into a qualifying series and a final series.

### **2. QUALIFYING SERIES**

2.1 Boats will be assigned to yellow, blue, red or green fleets etc. of, as nearly as possible, equal size and ability. Initial assignments will be made by a seeding committee appointed by the race committee. Those assignments will be posted by 2100 hrs. on the day before the first scheduled race for each event.

2.2 Boats will be reassigned to fleets after each day of racing, except if on the first day fewer than two races are completed by all fleets. If all fleets have completed the same number of races, boats will be reassigned on the basis of their ranks in the series. If all fleets have not completed the same number of races, the series scores for reassignment will be calculated for those races, numbered in order of completion, completed by all fleets. Reassignments will be made as follows:

Rank in series	Fleet assignment
First	yellow
Second	blue
Third	red
Fourth	green
Fifth	green
Sixth	red
Seventh	blue
Eighth	yellow
and so on ...	

If two or more boats have the same rank, they will be entered in the left column in the order of fleets in paragraph 2.2.

2.3 Assignments will be based on the ranking available at 2100 hrs. that day regardless of protests or requests for redress not yet decided.

2.4 If all fleets have not completed the same number of races by the end of a day, the fleets with fewer races will continue racing the following day until all fleets have completed the same number of races. All boats will thereafter race in the new fleets.

2.5 If a minimum of five races has been completed at the end of the second scheduled racing day in the qualifying series the final series will commence on the next day of racing. If a minimum of five races has not been completed at the end of the second scheduled racing day the qualifying series will continue until the end of a racing day when a minimum of five races has been completed. After the qualifying series has been completed, the final series begins.

2.6 If at the end of the qualifying series some boats have more race scores than others, scores for the most recent races will be excluded so that all boats have the same number of race scores.

### **3. FINAL SERIES**

3.1 Boats will be assigned to gold, silver, bronze and emerald fleets (if needed) of nearly equal size on the basis of their ranks in the qualifying series, with the gold fleet not being smaller than the other fleets.

3.2 There will be the same number of fleets in the final series as there were in the qualifying series. Boats with the best qualifying-series ranks will race all final series races in the gold fleet and so on.

3.3 Any recalculation of qualifying series ranking after boats have been assigned to final series will not affect the assignments except that a redress decision may promote a boat to a higher fleet.

**I**

**Course: Inner Trapezoid**

Signal	Mark Rounding Order
I 2	Start - 1 - 4s/4p - 1 - 2 - 3p - Finish
I 3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish
I 4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish

**O**

**Course: Outer Trapezoid**

Signal	Mark Rounding Order
O 2	Start - 1 - 2 - 3s/3p - 2 - 3p - Finish
O 3	Start - 1 - 2 - 3s/3p - 2 - 3s/3p - 2 - 3p - Finish
O 4	Start - 1 - 2 - 3s/3p - 2 - 3s/3p - 2 - 3s/3p - 2 - 3p - Finish

**L**

**Course: Windward / Leeward with a finish to leeward**

Signal	Mark Rounding Order
L 2	Start - 1 - 4s/4p - 1 - Finish
L 3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - Finish
L 4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - Finish

**IA**

**Course: Same as course I except with offset mark 1a**

Signal	Mark Rounding Order
IA 2	Start - 1 - 1a - 4s/4p - 1 - 1a - 2 - 3p - Finish
IA 3	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 2 - 3p - Finish
IA 4	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 2 - 3p - Finish

**LA**

**Course: Same as course L except with offset mark 1a**

Signal	Mark Rounding Order
LA 2	Start - 1 - 1a - 4s/4p - 1 - 1a - Finish
LA 3	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - Finish
LA 4	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - Finish

**WA**

**Course: Same as course W except with offset mark 1a**

Signal	Mark Rounding Order
WA 2	Start - 1 - 1a - 4s/4p - Finish
WA 3	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - Finish
WA 4	Start - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - 1 - 1a - 4s/4p - Finish

**LR**

**Course: Windward / Leeward**

Signal	Mark Rounding Order
LR 2	Start - 1 - 4s/4p - 1 - 4p - Finish
LR 3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4p - Finish
LR 4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 4p - Finish

**W**

**Course: Windward / Leeward with a finish to windward**

Signal	Mark Rounding Order
W 2	Start - 1 - 4s/4p - Finish
W 3	Start - 1 - 4s/4p - 1 - 4s/4p - Finish
W 4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - Finish

