



INTERNATIONAL 470 CLASS

OPEN 470 JUNIOR EUROPEAN CHAMPIONSHIPS



BOURGAS, BULGARIA
8-15 AUGUST 2015

SAILING INSTRUCTIONS

Organising authority: Yacht Club Bourgas in co-operation with the Bulgarian 420 & 470 National Class Association, the International 470 Class Association, the Municipality of Bourgas, the Port of Bourgas and under the auspices of the Bulgarian Sailing Federation

[DP] denotes a rule for which the penalty is at the discretion of the International Jury and may be less than disqualification.

[NP] denotes that a breach of this rule will not be grounds for a protest by a boat.

[SP] denotes a rule for which a standard penalty may be applied by the race committee without a hearing.

1. Rules

1.1 The regatta will be governed by the Rules as defined in the 2013-2016 ISAF Racing Rules of Sailing (RRS).

1.2 Appendix P will apply as amended: RRS P2.3 will not apply and RRS P2.2 is changed so that it will apply to any penalty after the first one.

1.3 The following MNA prescriptions will apply – none.

1.4 Decision of the International Jury will be final as provided in RRS 70.5.

1.5 For medal races, ISAF Addendum Q, Umpired Fleet Racing, available on the ISAF website (www.sailing.org/31512.php), will apply and takes precedence over any conflicting instructions.

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

1.7 The Sailing Instructions shall take precedence over the Notice of Race. This changes Rule 63.7.



2. [DP]/[NP] Identification; cameras and electronic equipment

2.1 Each day, the first, second and third boats in the series ranking at the beginning of the day shall display yellow, blue and red bibs worn outside the personal floatation device and other clothing on the crew respectively, and be visible while racing. The bibs will be provided by the organising authority.

2.2 Boats in specified fleets shall display bow numbers. The organising authority will supply the numbers and instructions for their use.

2.3 Boats shall display required event sponsor advertising. The organising authority will supply the advertising and instructions for their use.

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 Boats may be required to carry cameras, sound equipment or positioning equipment as specified by the organising authority.

2.6 [SP] Boats are required to display national flags on their mainsails. The flags shall be as specified in class rule C.10.4(a)(4). 470/ISAF approved national flag manufacturers can be found at: www.sailing.org/classesandequipment/33908.php

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 organising 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 located at the storehouse of Yacht Club Port Bourgas.

5. Changes to the sailing instructions

5.1 Any change to the sailing instructions will be posted before 1000 on the day it will take effect, except that any change to the schedule of the first races of a day will be posted by 2000 on the day before it will take effect.

5.2 Any re-assignment of course areas can be done 30 minutes before flag D is displayed ashore or 30 minutes before flag AP is removed ashore.

6. Signals made ashore

6.1 Signals made ashore will be displayed on the flag pole located at the mast at club house of Yacht Club Port Bourgas. When a signal is displayed over a racing area or fleet flag, it applies to that racing area or fleet only. This changes the Race Signal preamble.

6.2 When flag AP is displayed ashore, '1 minute' is replaced with 'not less than 45 minutes' in race signal AP.

6.3 [SP]/[NP] Boats shall not leave the shore until flag D is displayed ashore. The warning signals will be made not less than 45 minutes after flag D is displayed or not before the scheduled time, whichever is later.

7. [NP] Regatta format

7.1 The format will consist of an Opening Series and a Medal Race / Last Race. The Opening Series may be divided into a Qualifying Series and Final Series.

7.2 Opening Series:

7.2.1 Qualifying Series – 5 races are scheduled for each event, boats will be divided into fleets.

7.2.2 Boats will be assigned to fleets: Yellow, Blue, Red, Green, etc. of, as possible, equal size and ability. Initial assignment will be made by a seeding committee appointed by the International 470 Class Association. Those assignments will be posted by 1000 on the day of the first scheduled race for each event.

7.2.3 Boats will be re-assigned to fleets after each day of racing. If all fleets have completed the same number of races, boats will be re-assigned on the basis of their ranks in the series. If all fleets have not completed the same number of races, the series scores for re-assignment will be calculated for those races, numbered in order of completion, completed by all fleets. For four fleets, and similarly for any other number, reassignments will be made as follows:

<i>Rank in series</i>	<i>Fleet assignment</i>
<i>First</i>	<i>Yellow</i>
<i>Second</i>	<i>Blue</i>
<i>Third</i>	<i>Red</i>
<i>Fourth</i>	<i>Green</i>
<i>Fifth</i>	<i>Green</i>
<i>Sixth</i>	<i>Red</i>
<i>Seventh</i>	<i>Blue</i>
<i>Eight</i>	<i>Yellow</i>
<i>and so on</i>	

If two or more boats have the same rank, they will be entered in the left column in the order of fleets in SI 7.2.2.

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

7.2.5 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.

7.3.1 Final Series – 6 races are scheduled for each event.

7.3.2 Boats will be assigned to final-series fleets: Gold, Silver, Bronze etc., on the basis of their ranks in the Qualifying Series. There will be the same number of fleets in the Final Series as there were in the Qualifying Series. The Final Series fleets will have, as nearly as possible, equal size but none larger than the Gold fleet. Boats with the best Qualifying Series ranks will race all Final Series races in the Gold fleet, boats with the next-best Qualifying Series ranks will race in the Silver fleet, etc.

7.3.3 Any recalculation of Qualifying Series ranking after boats have been assigned to Final Series fleets will not affect the assignments except that a redress decision may promote a boat to a higher fleet.

7.4 Medal Race:

7.4.1 A Medal Race will be scheduled for each event with 2 or more races in the Final Series completed.

7.4.2 The 10 boats ranked highest in the Opening Series or in the Single Series shall qualify to compete in the Medal Race.

7.4.3 Assignments to the Medal Race will be based on the ranking available at 1000 on the day of the Medal Race. The protest committee may extend this time limit.

7.5 Last Race:

The boats not competing in the Medal Race will sail in the Last Race.

7.6 Single Series:

If there are less than 40 entries at event, then the championship will be competed in one single fleet with 11 final races and a Medal Race / Last Race. At the discretion of the organising authority the numbers assigned to any fleet may be amended.



8. Schedule

8.1 Schedule of races:

Day 1 8 th August	Registration and equipment inspections	0900-1800
Day 2 9 th August	Registration and equipment inspections Practice Race Opening Ceremony	0900-1800 1300 1800
Day 3 10 th August	Qualifying series	1300
Day 4 11 th August	Qualifying series	TBA
Day 5 12 th August	Qualifying series / Final series	TBA
Day 6 13 th August	Qualifying / Final series	TBA
Day 7 14 th August	Qualifying / Final series	TBA
Day 8 15 th August	Final series / Medal Race / Last Race Closing Ceremony	TBA 1800

8.2 No more than three races can be sailed each day.

8.3 Races not sailed on the scheduled day may be sailed on a following day at the discretion of the race committee.

8.4 The warning signal for each succeeding race will be made as soon as practical.

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

8.6 No warning signal will be given after 1500 on the last day. For the Last Race or Fleet Races (if there is no medal race) no warning signal will be given after 1330 on the last day.

9. Class flags

9.1 Class flags for single series will be:

9.1.1 470 Men JEC: White flag with Blue 470 insignia.

9.1.2 470 Women JEC: Blue flag with Red 470 insignia.

9.2 Class flags for Qualifying Series will be:

9.2.1 470 Men JEC: fleets will use Yellow and Blue flags which are the corresponding fleet warning signals.

9.2.2 470 Women JEC: fleet will use Blue flag with Red 470 insignia which are the corresponding fleet warning signal.

9.3 Class flags for Final series will be:

9.3.1 470 Men JEC fleets will use Yellow flag for Gold fleet and Blue flag for Silver fleet for the warning signal.

9.3.2 470 Women JEC fleets will use Blue flag with Red 470 insignia for the fleet warning signal.

9.4 Class flags for the Medal Races will be as in S.I. 9.1

10. The racing areas

Appendix A shows the location of racing areas.

11. The courses

11.1 The diagrams in Appendix B show the courses, the course designations, the approximate angles between legs, the order in which marks are to be passed, and the side on which each mark is to be left.

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

11.3 No later than the warning signal, the race committee signal boat will display the course designation and the approximate compass bearing of the first leg.

12. Marks

12.1 Marks 1, 2, 3 (3s/3p) and 4 (4s/4p) will be **Red Inflatable Buoys**.

12.2 The starting marks will be the race committee starting boat displaying an orange flag at the starboard end and a boat displaying an orange flag at the port end. See Appendix B.

12.3 The finishing marks will be the race committee finishing boat displaying an orange flag at the port end and a boat or a buoy with an orange flag at the starboard end. See Appendix B.

12.4 New marks as provided in instruction 14.1 will be **Yellow Inflatable Buoys with red stripe**.

12.5 A race committee boat signalling a change of course is a mark as provided in S.I. 14.2.

13. The start

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

13.2 **[DP][NP]** 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.

13.3 If flag U has been displayed as the preparatory signal, no part of the 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 will not if the race is re-started, re-sailed, postponed or abandoned before the starting signal. This changes RRS 26 Starting Races. When flag U is used as the preparatory signal RRS 29.1 Individual recall does not apply. The scoring abbreviation for a flag U penalty is UFD. This changes A11 Scoring Abbreviations.

13.4 A boat starting later than four minutes after her starting signal will be scored DNS. This changes RRS A4 and A5.

14. Change of the position of the next mark

14.1 To change the next leg of the course, the race committee will:

- a) lay a new mark,
- b) move the finish line, or
- c) move the leeward gate.

When a new mark is laid the original mark will be removed as soon as practicable. When in a subsequent change a new mark is replaced, it will be replaced by an original mark.

14.2 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.

15. The finish

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

16. Time limits

16.1 Time limits are as follows:

	Time Limit	Mark 1 time limit	Finish Window	Race Target time
Fleet race	75 min.	25 min.	15 min.	50 min.
Medal race	40 min.	15 min.	10 min.	25 min.

16.2 If no boat has passed Mark 1 within the Mark 1 time limit the race will be abandoned.

16.3 Boats failing to finish within the time stated in the Finish Window after the first boat sails the course and finishes will be scored Did Not Finish (DNF) without a hearing. This changes RRS 35, A4 and A5.

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

17. Protests

17.1 Protest forms are available at the regatta office. Protests and requests for redress or re-opening shall be delivered there within the appropriate time limit.

17.2 For each fleet, the protest time limit is 60 minutes after the last boat has finished the last race of the day.

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

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

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

17.6 For the purpose of RRS 64.3(b) the 'authority responsible' is the 470 Technical Delegate.

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

17.8 Penalties for RRS, the EIR, class rules or rules in the NoR and SIs marked **[DP]** are at the discretion of the international jury. A boat may accept a discretionary penalty for the breaches stated above before a hearing concerning the same incident by completing a form available at the jury office.

17.9 For breaches of the SIs marked **[SP]** the race committee may apply a standard penalty without a hearing. The standard penalties will be as stated in SI 19.5. 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.

17.10 On the last racing day of the qualifying series or final series a request for re-opening 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.

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

18. Scoring

18.1 The Low Point System of RRS Appendix A will apply. RRS A4.1 is changed so that the points scored in the medal race are double.

18.2 To request correction of an alleged error in posted race or series results, a boat may complete a scoring enquiry form available at the regatta office.

18.3 Qualifying Series:

18.3.1 At least 4 qualifying races shall be completed to constitute the Qualifying Series.

18.3.2 All race scores from the Qualifying Series will be carried forward to the Final Series.

18.3.3 For the Qualifying Series RRS A4.2 is changed so that those scores are based on the number of boats assigned to the largest fleet.

18.3.4 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.

18.3.5 For final ranking, boats assigned to the Gold fleet will be ranked higher in the regatta than the boats assigned to the Silver fleet, and so on.

18.4 Final Series and Medal Race / Last Race:

18.4.1 There will be 6 races in the Final Series plus a Medal Race / Last Race.

18.4.2 At least 2 final races for the Gold fleet are required to be completed to constitute the regatta series for all fleets and/or to enter the Medal Race and the Last Race.

18.4.3 Final Series fleets will be scored separately and different Final Series fleets need not have completed the same number of final races.

18.4.4 For the Final Series RRS A4.2 is changed so that those scores are based on the number of boats assigned to the given fleet.

18.5 Single Series:

18.5.1 There will be 11 races in the Single Series plus a Medal Race / Last Race.

18.5.2 At least 6 races are required to be completed to constitute the regatta series or to enter the Medal Race and the Last Race.

18.6 Discards:

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

18.6.2 At the Medal Race: the score of the Medal Race shall not be excluded.

18.7 Medal Race:

18.7.1 The boats assigned to compete in the Medal Races will be ranked highest in the regatta except for a boat disqualified from the Medal Races under RRS 5 or 69.

18.7.2 The score for the Medal Races shall not be excluded from the series score. RRS A4.2 is changed so that the scores are based on the number of boats assigned to compete in that race.

18.7.3 Ties in the series score between boats with different medal race point scores shall be broken in favour of the boat that scored better in the medal race. This changes RRS Appendix A8.

18.7.4 A boat assigned to compete in the Medal Races 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 [\[SP\] Check-out and check-in](#)

All competitors shall sign each day:

(a) before leaving to race on each schedule day.

(b) within the protest time limit after returning ashore.

The check-out and check-in point will be located in front of the official notice board.

19.2 [\[SP\]](#) Boats not leaving the harbour for the day's races shall notify the regatta office as soon as possible.

19.3 [\[SP\]](#) A boat that retires from racing shall notify the race committee before leaving the racing area, or if that is not possible, shall notify the regatta office as soon as possible after returning ashore.

20. [\[DP\]/\[NP\] Substitution of crew or equipment](#)

20.1 Substitution of crew 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 will not be allowed unless approved by the race committee. Requests for substitution shall be made to the race committee at the first reasonable opportunity

21. [DP]/[NP] Equipment and measurement inspection

21.1 A boat or equipment may be inspected at any time for compliance with the class rules and sailing instructions.

21.2 On the water, a boat shall act in accordance with any instruction by the race committee measurer to proceed immediately to a designated area for inspection.

22. Official boats

Official boats will be marked as follows:

Official Boat	Flag
Race Committee vessels	White flag with black "RC"
Equipment Inspector boat	White flag with black "MEASURER"
Jury	White flag with black "JURY"
Media/Press boats	White flag with black "PRESS"
VIP Boats:	White flag with black "VIP"
OA rescue boats:	White flag with black "RESCUE"

23. Support boats

23.1 Support boats with team leaders, coaches and other support personnel shall stay outside areas where boats are racing from the time of the preparatory signal for the first fleet to start until all boats have finished or the race committee signals a postponement, general recall or abandonment.

23.2 During any starting sequence, support boats shall stay at least 50 meters below the starting line and its extensions.

23.3 Registered support boats shall fly a flag with their three letters national code (see RRS G1.1) clearly displayed or shall be permanently marked with a sticker of their three letter national code on each side of the boat or engine. The minimum height for the letters shall be 200 mm. The letters will not be provided by the organising authority.

23.4 Support boats and designated drivers shall be registered at the regatta office either before leaving the venue by water for the first time or by 1800 on the day before the first race of the event that it is supporting, whichever is earlier.

23.5 All support boats shall have third party liability insurance with a minimum cover of **EUR 1.000.000** per event or equivalent.

23.6 Only an accredited person may be a designated driver.

23.7 The person registering the support boat shall confirm that:

- a) a valid insurance certificate showing proof of third-party liability coverage as required by 23.5 has been obtained;
- b) each designated driver has a valid Certificate of Competency of a seagoing vessel or motorboat driving license recognized by a national authority appropriate to that boat; and
- c) anyone who will be using a radio has an appropriate radio operation license recognized by a national authority.

23.8 Support boats shall display a special flag with allocated number provided by the organising authority.

23.9 When the Race Committee displays flag V with repetitive sounds and/or broadcasts "Code Flag Victor" on the designated VHF Channel (73) all registered support boats shall comply with any instruction given by the Race Committee or the organising authority as assistance / rescue boats.

24. [DP][NP] Trash disposal

In addition to RRS 55 trash may be placed aboard support and race committee boats.

25. [DP][NP] Berthing

When berthed, boats shall be kept in their assigned place in the boat park.

26. [DP][NP] Radio communication

A boat shall neither make radio transmissions while racing nor receive radio communications not available to all boats, except in an emergency or when using equipment provided by the race committee. This restriction also applies to mobile telephones.

27. Prizes and titles

For each category (men and women):

- Prizes will be awarded to the first, second and third crews of the open event and to the first crew of each of the Silver and subsequent fleets by the organizers.
- Medals will be awarded to the first, second and third crews of the Junior European Championship by the International 470 Class Association.
- The first men crew of final official ranking list of the Junior European Championship will be declared 470 Class Junior European Champion.
- The first women crew of final official ranking list of the Junior Women's European Championship will be declared 470 Class Junior Women's European Champion.

28. Disclaimer of liability

Competitors participate in the championship entirely at their own risk. See RRS 4, Decision to Race. The organising authority and all parties involved in the regatta organization 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.

29. Rights to use name and likeness

By participating in the regatta competitors automatically grant to the International 470 Class Association, the organising authority and their sponsors, the right in perpetuity to make, use and show, from time to time at their discretion, any motion pictures and live, taped or filmed television and other reproductions of the athlete during the period of the competition without compensation.

30. Insurance

Each participating boat shall have valid third party liability insurance with a minimum cover **EUR 1.000.000** per event or equivalent. A certificate of such insurance shall be shown during registration.

Appendix A – Racing areas

The Racing Areas are presented below.



Appendix B – The courses

LG

Course: Windward/Leeward

Signal	Mark Rounding Order
LG2	Start - 1 - 4s/4p - 1 - 4s - Finish
LG3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s - Finish
LG4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s - Finish

LR

Course: Windward/Leeward

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

O

Course: Outer Trapezoid

Signal	Marking Rounding Order
O2	Start - 1 - 2 - 3s/3p - 2 - 3p - Finish
O3	Start - 1 - 2 - 3s/3p - 2 - 3s/3p - 2 - 3p - Finish
O4	Start - 1 - 2 - 3s/3p - 2 - 3s/3p - 2 - 3s/3p - 2 - 3p - Finish

I

Course: Inner Trapezoid

Signal	Marking Rounding Order
I2	Start - 1 - 4s/4p - 1 - 2 - 3p - Finish
I3	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish
I4	Start - 1 - 4s/4p - 1 - 4s/4p - 1 - 4s/4p - 1 - 2 - 3p - Finish