



# SAILING

# INSTRUCTIONS

2015 470 CLASS  
MEN'S & WOMEN'S WORLD  
CHAMPIONSHIPS

10 – 17 OCTOBER 2015

HAIFA, ISRAEL



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## 2015 470 CLASS MEN'S & WOMEN'S WORLD CHAMPIONSHIPS

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### SAILING INSTRUCTIONS

**Organising Authority (OA):** Haifa Sailing and Haifa Municipality, in co-operation with the Israeli Sailing Association and the International 470 Class Association.

*[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 protest by boat.

*[SP]* denotes a rule 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 The following MNA prescriptions will apply – None.

1.3 For medal races, ISAF Addendum Q Umpired Fleet Racing, available on the ISAF website ([www.sailing.org/31512.php](http://www.sailing.org/31512.php)) will apply, and shall take precedence over any conflicting instructions.

1.4 If there is a conflict between languages the English text shall take precedence.

1.5 The Sailing Instructions shall take precedence over the Notice of Race. This changes RRS 63.7.

1.6 Decisions of the International Jury will be final as provided in RRS 70.5.

#### 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 wear yellow, blue and red bibs worn outside the personal flotation device and other clothing on the crew respectively, and be visible while racing. The bibs will be provided by the OA.

2.2 **[SP]** Boats are required to display national flags on their mainsail as in class rules C.10.4 (a) (4). 470/ISAF approved national flag manufacturers can be found at: ([www.sailing.org/classesandequipment/33908.php](http://www.sailing.org/classesandequipment/33908.php))

2.3 Boats shall display bow numbers. The OA will supply the numbers and instructions for their application.

2.4 Boats shall display required event sponsor advertising. The OA will supply the advertising and instructions for their application.



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**2.5** 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 OA will supply the ribbons.

**2.6** Boats may be required to carry on-board cameras, sound equipment or positioning equipment as specified by the OA.

### **3. IDPI 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 OA 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 next to the Race Office.

### **5. Changes to the Sailing Instructions**

**5.1** Any change to the Sailing Instructions will be posted before 10.00 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 20.00 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 near to the Race Office. 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 Signals 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]** Flag D displayed ashore means: '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. Boats shall not leave the boat park until this signal is made'.

**6.4** When flag Y is displayed ashore, Rule 40 applies at all times while afloat. This changes Part 4 Preamble.

### **7. INPI Regatta format**

**7.1** The regatta format will consist of an Opening Series and a Medal Race. The opening series may be divided into Qualifying Series and Final Series.

#### **7.2 Opening series:**

**7.2.1 Qualifying series** – 5 races are scheduled for each event. Boats may be divided into fleets.

**7.2.2** Boats will be assigned to fleets: Yellow, Blue and Red etc.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 10.00 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 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 re-assignment will be calculated for those races completed by all fleets, numbered in order of completion. For three 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>Red</i>
<i>Fifth</i>	<i>Blue</i>
<i>Sixth</i>	<i>Yellow</i>
<i>Seventh</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 21.00 that day regardless of protests or requests for redress not yet decided.

**7.2.5** If the 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 and Bronze 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 if 2 or more final series races have been completed by the gold fleet. If the event is raced as a single series, a medal race will be scheduled if at least 6 races have been 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 09.00 on the day of the medal race. The protest committee may extend this time limit.

### **7.5 Single Series:**

If there are less than 40 entries at event, then the championship will be competed in one single fleet with 10 final races at the Opening Series and a Medal Race. At the discretion of the OA the numbers assigned to any fleet may be amended.

## **8. Schedule**

### **8.1 Daily schedule:**

Day 1 – 10 <sup>th</sup> Oct. 2015	Registration and equipment inspections Opening Ceremony	09.00-18.00 20.00
Day 2 – 11 <sup>th</sup> Oct. 2015	Registration and equipment inspections Practice Race	09.00-18.00 15.00
Day 3 – 12 <sup>th</sup> Oct. 2015	Qualifying series	12.00
Day 4 – 13 <sup>th</sup> Oct. 2015	Qualifying series	TBA
Day 5 – 14 <sup>th</sup> Oct. 2015	Qualifying/Final series	TBA
Day 6 – 15 <sup>th</sup> Oct. 2015	Qualifying/Final series	TBA
Day 7 – 16 <sup>th</sup> Oct. 2015	Qualifying/Final series	TBA
Day 8 – 17 <sup>th</sup> Oct. 2015	Final series or Medal Race Closing Ceremony	TBA 18.00

**8.2** No more than three races shall 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 practicable.

**8.5** No warning signal will be given after 16.30 on the last day.

## **9. Class Flags**

**9.1** Class flags for single series will be:

**9.1.1** 470 men worlds: white flag with blue 470 insignia.

**9.1.2** 470 women worlds: blue flag with white 470 insignia.

**9.2** Class flags for men qualifying series will be yellow, blue, red etc. flags corresponding to the fleet colours.

**9.3** Class flags for women qualifying series will be yellow, blue, red etc. corresponding to the fleet colours, with a red rhombus.

**9.4** Class flags for men final series will be yellow flag for gold fleet, blue flag for silver fleet and red flag for bronze fleet.

**9.5** Class flags for women final series will be yellow flag with red rhombus for gold fleet and blue flag with red rhombus for silver fleet.

**9.6** Class flag for the Medal Race will be as in S.I. 9.1

## **10. Racing Area**

Appendix A shows the location of the 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 **Pink cylindrical buoys**.

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

**12.3** The finishing marks will be the race committee finishing boat at the port end and a buoy with an orange flag at the starboard end.

**12.4** New marks as provided in instruction 14.1 will be **Orange pyramid inflatable buoys**.

**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 start marks.

**13.2** 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.

**13.3[DP] [NP]** Boats whose warning signal has not been made shall keep clear to leeward of the starting area. The starting area is defined as 100 meters from the starting line and its extensions in both directions.

**13.4** If flag U has been displayed as a 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 will be disqualified without a hearing but not if the race is restarted or postponed or abandoned before the starting signal. This changes RRS 26, Starting Races. When flag U is used at the preparatory signal, RRS 29.1

*Individual recall* shall not apply. The scoring abbreviation for a flag U penalty is UFD. This changes RRS A11 *Scoring Abbreviations*.

**13.5** A boat starting later than four minutes after her starting signal will be scored DNS. This changes RRS A4 and RRS 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 28.1.

#### **15. The Finish**

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

#### **16. Penalty System**

**16.1** RRS Appendix P, *Special Procedures for RRS 42*, will apply.

**16.2** RRS P2.3 will not apply and RRS P2.2 is changed so that it will apply to any penalty after the first one.

#### **17. Time Limits**

**17.1** 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.	12 min.	10 min.	25 min.

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

**17.3** 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. This changes RRS 35, RRS A4 and RRS A5.

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

#### **18. Protests**

**18.1** Protest forms are available at the Race Office. Protests and requests for redress or reopening shall be delivered there within the appropriate time limit.

**18.2** For each fleet, the protest time limit is 60 minutes after the last boat has finished the last race of the day or racing postponed or abandoned for the day.





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**18.3** 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 limit.

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

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

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

**18.7** Penalties for breaches of the ER, Support Team Regulations, class rules, RRS 55 or rules in the NoR and SIs marked [DP] or [SP] should the case go to a hearing, 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.

**18.8** For breaches of NoR/SI 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. A boat that has been penalised with a standard penalty can neither be protested for the same incident by another boat nor can another boat request redress for this race committee action. This changes RRS 60.1, 63.1 and Appendix A5.

**18.9** 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).

**18.10** On the last racing day of the opening series or qualifying series 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.

**18.11** On the last racing day of the opening series or qualifying 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.

## **19. Scoring**

**19.1** The Low Point System of RRS Appendix A shall apply to all races, RRS A4.1 is changed so that the points in the Medal Race are double.

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

### **19.3 Qualifying Series:**

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

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



**19.3.3** 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.

**19.3.4** 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.

**19.3.5** 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.

**19.4 Final Series and Medal Race:**

**19.4.1** 6 races are scheduled in the final series plus a Medal Race.

**19.4.2** At least 2 final races are required to be completed by the gold fleet to constitute the regatta series for all fleets and/or for the Medal Race to be scheduled.

**19.4.3** Final series fleets will be scored separately and different final series fleets need not have completed the same number of final races.

**19.4.4** For the 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.

**19.4.5** 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.

**19.5 Single series:**

**19.5.1** There will be 10 races in the Single Series plus a Medal Race.

**19.5.2** At least 6 races are required to be completed to constitute the regatta series and/or for the Medal Race to be scheduled.

**19.6 Discards:**

**19.6.1** When fewer than 3 races have been completed, a boat's series score will be the total of her race scores.

**19.6.2** 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.

**19.6.3** The score of the Medal Race will not be excluded.

**19.7 Medal Race:**

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

**19.8.2** RRS A4.2 is changed so that the scores are based on the number of boats assigned to compete in that race.

**19.8.3** For boats assigned to compete in the Medal Race, ties in the regatta score are broken by the Medal Race score. This changes RRS A8. For boats with the same points score in the Medal Race, ties in the regatta score are broken applying RRS A8.

**19.8.4** A boats 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.

## **20. [DP] [NP] Safety Regulations**

### **20.1 [SP] Check-out and check-in:**

All Competitors must sign each day:

- a.) before leaving to race on each scheduled day.
- b.) within the protest time limit after returning ashore. The check-out and check-in point will be located at the boat park.

**20.2 [SP]** Boats not leaving the shore for the day's races or retires from a race shall notify the race office as soon as possible.

**20.3** When flag Y is displayed on the Signal Boat, Rule 40 applies.

## **21. [DP] [NP] Replacement of Crew or Equipment**

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

**21.2** Substitution of damaged or lost equipment will not be permitted unless approved by the race committee. Requests for substitution shall be made to the race committee at the first reasonable opportunity.

## **22. [DP] [NP] Equipment and Measurement Checks**

**22.1** A boat or equipment may be inspected at any time for compliance with the Class Rules and SIs.

**22.2** 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.

## **23. Official Boats**

Official boats will be marked as follows:

<b>Official Boat</b>	<b>Flag</b>
Race Committee	Flag "RC"
Jury	Flag "JURY"
VIP	Flag "VIP"
Gear	Flag "Gear"
Press/Media boats	Flag "PRESS"
Coaches	Flag "C"
Safety Boat	Flag "S"
Medical	Flag " + "
Measurers	Flag "M"

## **24. Support Boats**

**24.1** 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.

**24.2** During any starting sequence, support boats shall stay at least 100 meters to leeward of the starting line and its extensions.



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#### **24.3 Registered support boats shall:**

- a) 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 OA.
- b) fly organizer identified flag with number, the flag will be provide by the OA during registration.

**24.4** 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 18.00 on the day before the first race of the event that it is supporting, whichever is earlier.

**24.5** When the Race Committee displays flag V with repetitive sounds and/or broadcasts “Code Flag Victor” on the designated VHF Channel 77 all registered support boats shall comply with any instruction given by the Race Committee or the OA as assistance / rescue boats.

**24.6** All support boats shall have third party liability insurance with a minimum cover of EUR 1,500,000 per event or equivalent. A certificate of such insurance shall be shown during registration.

**24.7** Only an accredited person may be a designated driver.

**24.8** The person registering the support boat shall confirm that:

- a) a valid insurance certificate showing proof of third-party liability coverage as required by 24.6 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.

#### **25. [DP] [NP] Trash disposal**

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

#### **26. [DP] [NP] Berthing**

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

#### **27. [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.

#### **28. Prizes and title**

The first crew of the final official ranking list of each Championship will be declared:

**“470 Class Men’s World Champion” and  
“470 Class Women’s World Champion”**



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

### **29. Disclaimer of Liability**

Competitors participate in the championship entirely at their own risk. See RRS 4, Decision to Race. The OA 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 championship.

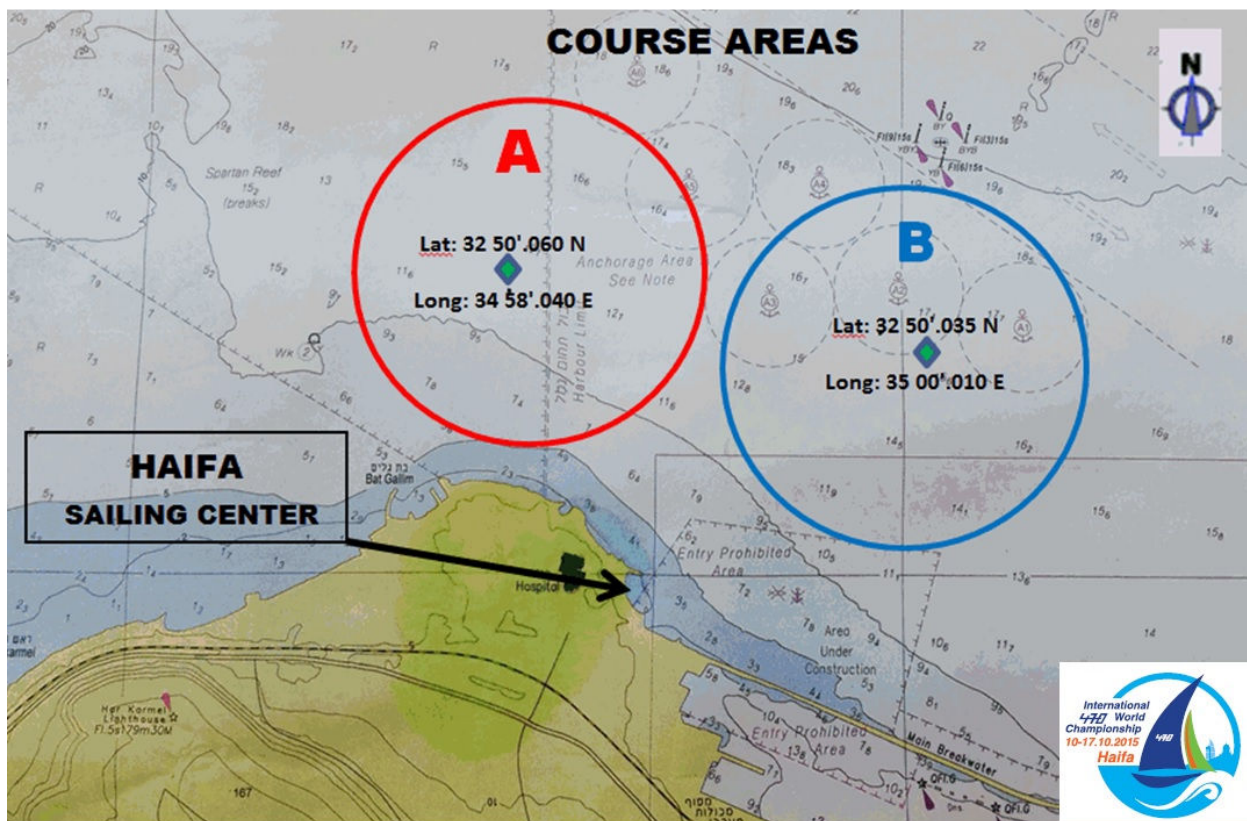
### **30. Rights to use name and likeness**

By participating in this championship competitors automatically grant to the International 470 Class Association and to the OA and their sponsors the right in perpetuity to make, use and show, from time to time at their discretion any motion pictures, still pictures and live, taped or filmed television and other reproductions of the athlete during the championship, and of all of his or her material related to the championship, without compensation.

### **31. Insurance**

Each participating boat shall be insured with valid third party liability insurance with a minimum cover EUR 1,500,000 per event or equivalent. A certificate of such insurance shall be shown during registration.

## Appendix A – Approximate location of race areas



## Appendix B – Courses

### 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 - 4s/4p - 1 - 2 - 3p - Finish

### 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