



HELSINKI-TALLINNA RACE



Mandatum Life Helsinki-Tallinna Race 2012 SAILING INSTRUCTIONS

1. RULES

1.1. Governing rules and definitions

The race will be governed by the rules as defined in the Racing Rules of Sailing (RRS) including the FinLYS Rule, the ORC Club Rule and the IRC Rules Parts 1,2 and 3. If there is a conflict between these Sailing Instructions and any other document concerning the race the Sailing Instructions take precedence. If there is a conflict between languages the Finnish text will take precedence.

Boats racing must use navigation lights between 2108 hours on August 17th 2012 and 0542 hours on August 18th 2012. During that period International Regulations for Preventing Collisions at Sea replace RRS Part 2 rules after a boat has started.

Only flags M, P, X, Y and blue flag defined by RRS as visual signals are used.

From here onwards the term "boat" means a boat racing.

1.2. Use of personal flotation devices

Life jackets or other adequate personal flotation devices shall be worn throughout the race by the whole crew.

1.3. Use of alcohol and drugs

The skipper of a boat may not be under the influence of alcohol nor any drug when a boat is racing.

1.4. Advertising

The Organizing Authority (Koivusaaren Pursiseura ry, KoPu) may require that boats display the Advertising listed in 2012 ISAF Regulation Appendix 1 Regulation 20.4.1.

1.5. Identifications on sails

A boat going to race with an identification other than its own on any sail has to obtain a written permission beforehand from the management of the race. This changes RRS rule 77 *Identification on sails*.

1.6. Keeping clear of ships and other dangerous situations

A boat may use her engine when in danger. She must report to the race committee in her finishing report how long she has used her engine for propulsion. The race committee passes the report to the protest committee which may protest the boat. If the protest committee decides, that the situation was such that the boat was forced to use her engine as she did, she will receive a penalty for breaking the rule 42. A boat's penalty will be the time she has used her engine multiplied by three added to her elapsed time. The penalty is recorded with the scoring abbreviation SCP (M). This changes RRS Rule 44.3 *Scoring Penalty*. A boat may not use her engine for any other purposes.

1.7. Radio messages

A boat shall not send nor receive radio messages which are not available to all boats. This limitation applies also to mobile phones, modems and other such equipment.

1.8. Race time zone

Sailing Instructions, Notice of Race and General Instructions for the race all use time zone of Finland.

1.9. Documents

A boat shall carry all documents and licences required by authorities, Suomen Purjehdus ja Veneily (SPV) or other ISAF member national authority. The crew of a boat shall carry all required documents and licences required by authorities for operating the boat, for operating the equipment she carries and for leaving the country.

1.10. Time Penalty

A boat may be given a time penalty by the race committee for infringements mentioned later in these Sailing Instructions. A boat may be given a time penalty by the protest committee also for other infringements. The





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boat's time penalty for each separate infringement will be 5% of its elapsed time. A boat may be given several time penalties. Time penalty is recorded with the scoring abbreviation SCP (scoring penalty). If a boat receives several time penalties the number of time penalties is disclosed in parenthesis after the scoring abbreviation. This changes RRS Rules 44.3 *Scoring Penalty* and 63.1 *Requirement for a Hearing*.

1.11 Listening to VHF

A boat shall listen to VHF channels 16 and 72.

1.12 Reporting

A boat shall report to the finishing line vessel on VHF channel 72 when passing the west buoy approx. 1,5 nm to northwest of the island of Aegna (position approx. 59°36,4'N 24°42,8'E). This is the course mark 8 for ORC Club and IRC classes and the course mark 7 for other classes. The finishing line vessel will confirm the reception of the report whenever possible.

1.13 Crew List and Assurance of Inspection

A boat shall hand over Crew List and Assurance of Inspection in the Skipper's Meeting against which she will receive her race material with the prerequisites mentioned in the Notice of Race.

1.14 Coordinate system

Coordinates referred to in these Sailing Instructions are according to WGS-84 system.

2. REQUIREMENTS FOR BOAT'S CREW AND SAFETY REGULATION CATEGORY AND INSPECTIONS

A boat shall be inspected in her home country as approved by an ISAF member national authority and she shall fulfil the requirements of safety regulation category equivalent to SPV's inspection Class 2 or ORC Category 3. A boat shall be registered by an ISAF member national authority, she must have identification on sails issued by that authority and the skipper of a boat shall be a member of a club or other organization affiliated to an ISAF member national authority. The minimum number of the crew is two persons. A boat may be randomly inspected against the safety regulation category requirements after she has finished. A boat is notified for a possible inspection after she has been moored. A boat shall present a valid certification of inspection upon request.

3. NOTICES TO COMPETITORS AND CHANGES TO SAILING INSTRUCTIONS

The official notice board is in the website of the race, www.helsinki-tallinnarace.fi. Possible changes to Sailing Instructions are posted to the official notice board by 1200 hours on Friday August 17th 2012 at the latest.

4. CLASSES

4.1. LYS classes

Division to classes:	LYS 1	LYS = 1,24	-
	LYS 2	LYS = 1,17	- 1,23
	LYS 3	LYS = 1,11	- 1,16
	LYS 4-6	LYS =	- 1,10

4.2 Estimated LYS Class

Estimated LYS Class consists of boats which are not standard LYS boats and which do not have a valid FinLYS, ORCi, ORC Club or IRC certificate. Handicaps for this class are estimated by the race committee. Boats do not





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have a right to protest or request redress to handicaps for Estimated LYS Class. This is an exception to the rule RRS 60.1 (a) *RIGHT TO PROTEST; RIGHT TO REQUEST REDRESS OR RULE 69 ACTION*.

4.3 Business LYS Class sailed as one LYS class. Only business boats in FinLYS catalogue (standard LYS boats) and boats with FinLYS certificate are eligible to participate.

4.4 ORC Club is divided into three classes according to GPH factor:

ORC Club 1: GPH < 615
ORC Club 2: GPH 615 – 651
ORC Club 3: GPH > 655

4.5 IRC class as one class

5. LYS, ORC CLUB AND IRC RESULTS CALCULATION

Results for LYS and Estimated LYS are calculated with Time on Distance method, i.e. calculated time = elapsed time + $765 \times (1-1/\text{LYS handicap}) \times d$, where d = distance in nautical miles and times are expressed in seconds. Distance, i.e. length of the course, $d = 41,6$ nm and calculated start time is rounded to the nearest 30 seconds. In these classes the finishing order is the same as the order in the final results.

Results for Business LYS class are calculated with Time on Time method, i.e. calculated time = elapsed time x LYS handicap.

Results for ORC Club classes are calculated with the formula $\text{PLT} \times \text{elapsed time} - \text{PLD} \times \text{distance}$. Factors $\text{PLT} = \text{Time factor}$ and $\text{PLD} = \text{Distance factor}$ are found either in ORC Club or in ORCi certificate. Distance, i.e. length of the course, $d = 46,8$ nm

Results for IRC class are calculated with the formula $\text{Elapsed Time (ET)} \times \text{Time Corrector (TCC)} = \text{Corrected Time (CT)}$ rounded to the nearest second.

6. FLAGS AND RACE IDENTIFICATIONS

A boat shall carry a national flag. In addition a boat shall carry on both sides of the boat, about 1/3 of the boat's length from the bow, well visible, the start number sheets distributed in the Skipper's Meeting. A boat shall also carry on her both sides race stickers and on her backstay an identification (race pennant), both distributed in the Skippers' Meeting, too. In Pirita harbour, a boat shall raise a harbour flag which she will receive when returning the race number sheets. The harbour flag must be attached on the boat's forestay. If a boat raises also other flags on her forestay, the harbour flag of the race shall be the topmost. Both race pennant and harbour flag are together a sign of a paid Pirita harbour fee. Harbour flag shall be returned when leaving Pirita harbour as instructed in the information distributed in the Skipper's Meeting.

7. STARTING SIGNALS

The boats have been divided into start groups based on their start times. These groups are identified with one or two letters. The first start time is at 1800 hours on Friday August 17th 2012. The start time of the slowest LYS start group is at 1820 hours on Friday August 17th 2012.





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7.1 The starting signals for start groups are made according to RRS Rule 26 until and including 1820 hours. Warning signal for Business LYS class is flag B, for ORC Club and IRC classes flag C and for LYS classes the flag or flags of the start group letter or letters.

7.2 Change to Rule 26 *STARTING RACES*: the starting signals for start groups after 1820 hours are made as follows: the warning and preparatory signals consist of flag or flags of a start group which are shown one minute after the starting signal of the previous start group. No sound signal will be made. Warning and preparatory signals are removed at starting time and a sound signal is made.

7.3 A boat whose warning signal has not been made shall keep clear of the starting area and of all boats whose warning signal has been made.

8. RECALLS

At the event of an individual recall a sound signal according to RRS Rule 29.1 is made at least during 10 seconds. Flag X is shown max. two minutes. RRS Rule 29.2 will not apply. A boat that is on the course side when starting is signalled shall get a time penalty defined in these Sailing Instructions' chapter 1.9 unless she returns to the pre-start side of the starting line and starts again.

9. STARTING LINE

Starting line is located in the area limited by the islands Rysäkari, Torra Lövä, Haraholmen and Nuottakari. Starting line marks will be orange cylindrical buoys at the left and at the right ends of the starting line. The direction of the starting line will be determined by an orange cylindrical buoy on the left and by a yellow flag on the starting line vessel on the right. The starting line will be closed 10 minutes after the starting signal of the last start group.

10. COURSE

10.1 Course for other than ORC Club and IRC classes

1. Starting line –
2. West mark to southwest of Rysäkari (position approx. 60°05,6'N 24°49,6'E) to port –
3. South buoy to southwest of Louekari (Trutkobben) (position approx. 60°05,5'N 24°52,3'E) to starboard –
4. Gråskärsbådan to starboard –
5. Helsinki lighthouse to starboard –
6. Tallinn lighthouse to port –
7. West buoy approx. 1,5 nm to northwest of the island of Aegna (position approx. 59°36,4'N 24°42,8'E) to port –
8. West mark approx. 0,6 nm to northwest of the island of Aegna (position approx. 59°35,4'N 24°43,2'E) to port –
9. West mark approx. 0,6 nm to southwest of the island of Aegna (position approx. 59°34,4'N 24°43,4'E) to port –
10. Finishing line.

10.2 Course for ORC Club and IRC classes

1. Same course as in chapter 10.1 until Tallinn lighthouse –
6. Tallinn lighthouse to port –





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7. North buoy at the northern edge of the Nygrund shallow (position approx. 59°39,4'N 24°52,3'E) to starboard –
8. West buoy approx. 1,5 nm to northwest of the island of Aegna (position approx. 59°36,4'N 24°42,8'E) to port –
9. West mark approx. 0,6 nm to northwest of the island of Aegna (position approx. 59°35,4'N 24°43,2'E) to port –
10. West mark approx. 0,6 nm to southwest of the island of Aegna (position approx. 59°34,4'N 24°43,4'E) to port –
11. Finishing line.

10.3 Notes and warnings on Course

1. The positions of the course marks and others are given for guidance only and they shall not be used for navigation.
2. Starting area:
 - a rock marked in the chart on the north western shore of Rysäkari
 - a rock marked in the chart in the halfway between Rysäkari and Nuottakari
 - rocks marked in the chart between Torra Lövö and south mark to the west of the course mark number 2
3. For Course 10.2: course mark number 6, approx. 0,42 nm to east of Tallinn lighthouse approx. 112° to east southeast, there is a shallow ground called Hudjakov rock (Hudjakovin kivi).

11. FINISHING LINE

Finishing line is located approx. 0,40 nm to direction 316,1° from the opening in the Pirita harbour breakwater (position approx. 59°28,5'N 24°48,5'E). Finishing line marks will be orange cylindrical buoys at the left and at the right ends of the finishing line.

12. REPORTING AND RETURNING OF START NUMBER SHEETS

A boat shall mark its finishing time on the finishing report. A boat shall also mark the boats closest to her when finishing. Start number sheets and finishing report which is signed by the skipper of a boat shall be returned within one hour after finishing to the race committee in the reception point in the close vicinity of the race office. A boat not returning her finishing report within the time defined will get a time penalty defined in the chapter 1.9 of these Sailing Instructions.

A boat shall return her start number sheets when returning her finishing report.

13. ABSOLUTE TIME LIMITS

If no boat has finished by 1100 hours on Saturday, August 18th 2012 the race will be abandoned. Any boat not having finished by 1400 hours on Saturday, August 18th 2012 will be scored Did Not Finish (DNF). After 0900 hours on Saturday, August 18th 2012 the finishing line vessel will act as follows: if no passing report has been received from Aegna reporting point during last hour, the finishing line vessel may leave its place by the finishing line. In that case the finishing line vessel will announce its departure on VHF channel 72. If a boat finishes after the finishing line vessel has departed, the boat must report to the finishing line vessel at its time of finishing. The VHF call ID of the finishing line vessel will be announced in the material distributed in the Skipper's Meeting.





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14. RETIRING

Any boat retiring from the race shall inform the race committee directly on the water by telephoning to one of the telephone numbers announced in the material distributed in the Skipper's Meeting or to the starting line vessel or to the finishing line vessel on VHF channel 72.

15. PROTESTS

Any boat intending to protest shall immediately after finishing inform in writing in her finishing report the boat she is protesting against. This is an addition to RRS Rule 61.2 *Protest Contents*. A protest shall be handed over to the race office by 1000 hours on Saturday, August 18th 2012 or within two hours after finishing if a boat has finished after 0800 hours on Saturday, August 18th 2012.

Protests and their hearings will be announced on the race notice board in Pirita harbour from 1100 hours onwards on Saturday, August 18th 2012. The first hearing will begin at 1130 hours on Saturday, August 18th 2012 at the earliest.

16. RESULTS

Results and partial results will be announced on the race notice board in Pirita harbour.

17. PRIZES

Prizes will be awarded according to the Notice of Race.

