



35th Biennial
2013 MARBLEHEAD-TO-HALIFAX OCEAN RACE
Joint Organizing Authority
The Royal Nova Scotia Yacht Squadron and
The Boston Yacht Club
Notice of Race

Start: Sunday, 7th July, 2013
Awards: Thursday 11th July, 2013
Distance: 363 nautical miles
Handicap Scoring: PHRF-NE, IRC, ORR/HPR

- 1 RULES:** The Race will be governed by the following Rules and Regulations in force at the time of the race. In all matters of interpretation, the documents shall rank in the order of precedence listed hereunder.
- 1.1 Racing Rules of Sailing (RRS)** except as modified below. US Sailing Prescriptions will apply.
- 1.1.1 RRS Part 2 is replaced by the right-of-way rules of the International Regulations for Preventing Collisions at Sea (IRPCAS) between the hours of local sunset and sunrise.
- 1.1.2 RRS 52 Manual Power:
- (i) Doublehanded yachts must be equipped with a self-steering device which can control the yacht under Category 2 conditions.
 - (ii) Yachts in the PHRF Cruising Division with LOA of 70 ft or more and/or a displacement of 100,000 pounds or more are permitted to use power winches.
- 1.1.3 RRS 77 Identification on Sails: It is strongly recommended that class insignia, national letters, and sail numbers comply with the requirements of Appendix G governing class insignia, national letters, and numbers on sails.
- 1.2 ISAF Offshore Special Regulations (OSR)** Governing Offshore Racing for Monohulls, Category 2, as modified hereunder, http://offshore.ussailing.org/SAS/ISAF_Special_Regulations.htm will apply.
- 1.2.1 OSR 3.03 Hull Construction Standards (Scantlings) and Appendix M shall apply to yachts with an Age Date of January 2010 or later. Yachts with an Age Date of December 2009 or earlier shall supply evidence of compliance with these ISAF standards or ABS certification or, in the absence of such evidence, should provide, with their entry application, details of its offshore history and a current survey that specifically addresses the characteristics required for a Category 2 race.
- 1.2.2 OSR 3.04 Stability Monohulls: Shall meet Design Category A under ISO 12217-2.
A yacht for which the ISO designation cannot be found shall:
- (a) Conform with the rules of an offshore class which has previously been accepted by MHORC, or
 - (b) Shall have a minimum displacement of 3.0 tonnes (6,600 lbs) and shall meet at least one of the following:
 - (i) Minimum IRC-STIX of 32 and an Angle of Vanishing Stability (AVS) greater than $(130 - (0.002 \times m))$ where m is the minimum sailing weight in kg, but always greater than 100°, or
 - (ii) Minimum ORR or ORC Stability Index (STBIX) of 110, or
 - (iii) Minimum Stability & Safety Screening Numeral (SSSN) of 28.
 - (iv) The MHORC may, at its sole discretion, accept an SSSN of less than 28 based upon other evidence of seaworthiness of the yacht and/or the sailing experience of the crew.
 - (v) The MHORC will accept ORR certificates based on sister ship flotation data.

- 1.2.3 OSR 3.14.6 Lifeline Minimum Diameters, Required Materials, Specifications; Subsection (c): Stainless steel lifelines shall be uncoated and used without close fitting sleeving. However, temporary sleeving may be fitted, provided it is regularly removed for inspection. Lifelines installed after January 1, 2008 may be coated, provided the coating in the vicinity of the terminal fittings is removed to allow inspection of the wire strands at the joint between the cable and the end fitting. This changes OSR 3.14.6 (c).
- 1.2.4 OSR 3.29 Communications Equipment, EPFS (Electronic Position-Fixing System), Radar, AIS:
- (i) OSR 3.29.1 (a) applies with the following additional strong recommendation: An installed satellite communications transceiver with capability of two-way email communications with the MHORC.
 - (ii) It is strongly recommended that an AIS Transponder is provided: This changes OSR 3.29.1 (n).
- 1.2.5 OSR 4.20 Liferrafts
- (i) Add new section after OSR 4.20.2 a):
 - a1) Liferrafts approved under the Canada Shipping Act (except open reversible platform liferafts) or equivalent that meet ISO 9650, or that meet USCG Approval. Additional equipment required to comply with the ISAF regulations, which is not contained in the aforementioned liferafts, may be carried externally in a "ditch-bag" for carriage to the liferaft during abandonment.
 - (ii) Whilst SOLAS liferaft production is subject to mandatory third-party testing, leisure liferaft production is not. It is strongly recommended that owners or persons-in-charge intending to purchase or hire a liferaft other than SOLAS should ensure that a recognized and qualified third party has independently vetted the manufacturer regarding the production of the liferaft type in question.
- 1.2.6 OSR 4.26 Storm and Heavy Weather Sails: A yacht shall carry either:
- (i) A storm trysail as in OSR 4.26.4 c) and a heavy weather jib as in OSR 4.26.4 f). This deletes OSR 4.26.4 e), or
 - (ii) Mainsail reefing as in OSR 4.26.4 g) for category 3 and a storm jib as in OSR 4.26.4 e). This deletes OSR 4.26.4 c).
- 1.2.7 OSR 5.01 Lifejacket: Lifejackets approved by Transport Canada are acceptable.
- 1.2.8 OSR 6.01 Training: An in-date certificate gained at an ISAF Approved Offshore Personal Survival Training Course, or at a US Sailing Sanctioned Safety at Sea Symposium, will be accepted as evidence of compliance with OSR 6.01. At the sole discretion of the MHORC, military safety at sea survival training may be accepted.
- 1.3 Class Rules**
- 1.3.1 PHRF Racing and Cruising Divisions: Performance Handicap Racing Fleet of New England (PHRF-NE) Rules and Regulations apply. See <http://www.phrfne.org> .
- 1.3.2 IRC Division:
- (i) IRC Rule 2013 parts 1, 2 and 3 apply. See <http://offshore.ussailing.org/IRC.htm> .
 - (ii) Under IRC rule 21.6.1(b) a yacht may carry one more spinnaker, of area not greater than SPA, than is shown in her current IRC certificate without an increase in rating.
- 1.3.3 ORR division: ORR Rule 2013 applies. See <http://offshore.ussailing.org/ORR.htm>
- 1.3.4 HPR division: The High Performance Rule will apply. See <http://offshore.ussailing.org/>
- 1.3.5 Sails: Except as indicated in 1.3.2 (ii) above, a yacht shall carry only the sails allowed under the respective measurement, class, or handicap rules that apply for its division.
- 1.4 Engines:** Except when being used to render assistance to any person or vessel in peril or to avoid a commercial vessel, engines shall be operated only for charging batteries or providing non-propulsive electrical power. Propeller shafts shall be secured against rotation and the propulsion clutch of sail drive engines disengaged at all such times.

1.5 Fleet Location Transponders (FLT): All yachts shall carry an FLT which will be provided by the MHORC during the check-in process. The unit shall be mounted in accordance with the directions provided and it shall be the responsibility of the Person-In-Charge to ensure that the transponder is installed according to supplied directions, and who must make every effort to ensure it is functional for the duration of the race. The FLT will be returned to MHORC at the end of the race. In the even of the loss, destruction or failure to return the FLT, the skipper or owner of the yacht will be charged a Damage Deposit Fee TBD.

2 ADVERTISING: Shall be in accordance with ISAF regulation 20. All entrants may be required to display advertising chosen and provided by the MHORC in accordance with Regulation 20.4.

3 ELIGIBILITY AND ENTRY

3.1 Yacht Eligibility

(i) Yachts entering this race must be thoroughly seaworthy vessels that meet the requirements of Section 1 above. As evidence of a yacht being thoroughly seaworthy and compliant with OSR Category 2, as amended by this NOR, each yacht must complete and submit a signed Safety and Inspection Check List and Certification and any documentation required per 1.2.2 above. The signed documents must be submitted prior to the Entry Deadline, and accepted by MHORC prior to the start of the race.

(ii) MHORC reserves the right to consider the seaworthiness of any applicant yacht and, without prejudice, refuse entry of any yacht that it deems unsuitable for the conditions of the race.

(iii) MHORC reserves the right to inspect any yacht for compliance with the rules at any time before the Official Time Limit (see Section 9 – Time Limit).

(iv) Yachts submitting a pre-start inspection check sheet that has been checked by an inspector approved by MHORC, or a current inspection check sheet from another 2013 Category 0, 1 or 2 race will be less likely to be inspected at the end of the race.

3.2 Crew Eligibility: Except for Doublehanded entries, each crew must consist of at least four members including, as a minimum, a navigator and two watch captains who have each successfully participated, i.e., completed the designated course, in at least 3 offshore races of ninety (or more) nautical miles while performing their duties as navigator or watch captain.

It is not intended by this minimum standard to exclude those sailors who have amassed extensive experience while cruising or in other non-racing activities. Accordingly, those backgrounds will be given due consideration on an individual basis.

3.3 Divisions and Scoring: The race is open to the divisions as described below.

- The minimum number of yachts entered before June 1st, 2012 in any such division will be six.
- MHORC will consider requests for inclusion of additional divisions and scoring systems.
- Each division may be divided into classes based on handicap ratings and the judgement of the MHORC.
- Unless otherwise stated, handicap scoring will be time-on-time

3.3.1 PHRF Racing:

(i) Will be limited to yachts with a PHRF-NE handicap rating of not greater than (not slower than) 180 seconds per mile.

(ii) The Time Corrector Factor (TCF) will be computed as: $TCF = 650 / (550 + PHRF)$, calculated to the nearest 0.001 (0.0005 to be rounded upward).

(iii) Yachts racing under PHRF Racing and who meet the requirements for the ORR Division may also be Dual Scored under ORR.

3.3.2 IRC:

(i) Will be limited to yachts with a Time Corrector (TCC) of 0.88 or greater (faster than). For yachts with a TCC of 1.08 or greater an Endorsed Certificate is required.

(ii) Yachts racing under IRC and who meet the requirements for the ORR Division may also be Dual Scored under ORR.

(iii) Yachts racing under IRC and who meet the requirements for the HPR division may also be Dual Scored under HPR

3.3.3 ORR Dual Scoring:

- (i) Will be limited to yachts faster than those with an ORR TOT handicap of 0.76 or more.
- (ii) Will be scored using ratings as recommended by the Offshore Rating Association. The specific scoring procedure will be announced with the Sailing Instructions and at the Captains' Meeting.
- (iii) The overall trophy for the ORR Dual Scoring division will include competitors in the IRC and PHRF Racing divisions who meet ORR requirements and have elected to be Dual Scored under ORR
- (iv) All Yachts in the IRC or PHRF Racing division and also being scored under ORR, will be eligible to compete for the Olin J. Stephens Trophy.

3.3.4 PHRF Cruising:

- (i) Yachts with a PHRF-NE Cruising handicap rating of 200 or more (slower than), seconds per mile will only be accepted at the discretion of the MHORC.
- (ii) The Time Corrector Factor (TCF) will be computed as: $TCF = 650 / (550 + PHRF)$, calculated to the nearest 0.001 (0.0005 to be rounded upward).

3.3.5 HPR Dual Scoring: The overall trophy for HPR dual scoring will be awarded for competitors in the IRC division who meet HPR requirements and elect to be dual scored under HPR

3.4 Doublehanded Entries: Will be accepted in both PHRF Racing and IRC divisions.

- (i) Both members of the crew of doublehanded entries in this race must have completed an offshore passage of a minimum of 90 nautical miles and of not more than 3 legs prior to June 30, 2013.
- (ii) The MHORC will accept as compliance a previously sailed doublehanded race of at least 90 nautical miles that the yacht and crew have completed within the last three years.
- (iii) The MHORC reserves the right to refuse any doublehanded entry without prejudice.

3.5 Entry Process

3.5.1 Entry Deadline: The deadline for submission of entries is 1800 EDT, Saturday, June 29, 2013. Entries may be submitted on-line or in writing on the Official Entry Forms, and must be accompanied by the entry fee and a valid handicap rating certificate or certificates.

3.5.2 Late Entries: Late entries will be accepted at the discretion of MHORC.

3.5.3 Number of Entries: MHORC reserves the right to limit the number of entries in any division. The total fleet shall not exceed 150 yachts.

3.5.4 Check-in: The entry process must be completed by the check-in and registration in person by the Owner or Captain, or his/her authorized representative, who will at that time satisfy all outstanding documentation requirements.

3.5.5 Required Entry Support Documentation:

- (i) Handicap rating certificates. See Section 6.
- (ii) Safety and Inspection Check List: Official Entry Form Part 4.
- (iii) Final Crew List: Official Entry Form Part 5. This must include the following information for all persons onboard: Name, address, emergency contact information, date of birth, media rights waiver, nationality and passport number. The yacht's Owner or Captain must sign this document certifying it is both complete and accurate.
- (iv) Special Competitions: Official Entry Form Part 6

4 ENTRY FEES

4.1 Required Fees

Yacht LOA	Entry Fee US \$		
	Received By 30 April, 2013	Received During May 2013	Received After May 31, 2013
< 38 ft	995	1095	1195
38 to < 42 ft	1050	1150	1250
42 to < 50 ft	1125	1225	1325
50 to < 60 ft	1230	1330	1430
60 ft and up	1360	1460	1560

(Also see next page)

These fees include launch fees at both BYC and RNSYS and also two social event wristbands for both BYC and RNSYS.

The social event wristbands include two breakfasts, one dinner and an open bar for two events for each club. Additional wristbands can be purchased for \$60 per person on line prior to check-in, or \$70 per person on site

- 4.2 Additional Fees:** Additional fees will be assessed for gear transport and other such services. The fees for these services will depend on the arrangements and will be published on the MHOR website before June 1, 2013.

5 SCHEDULE

5.1 Race Events

Marblehead	Day	Date	Time -- EDT	Location
Entry Deadline	Saturday	June 29, 2013	1800	BYC
Registration & Check-in	Thursday	July 4, 2013	0900 – 1700	BYC Yardarm
	Friday	July 5, 2013	0900 – 1700	BYC Yardarm
	Saturday	July 6, 2013	0830 – 1000	BYC Yardarm
Registration Closes	Saturday	July 6, 2013	1000	BYC Yardarm
Captains' Meeting	Saturday	July 6, 2013	1200	BYC Tent
*First Start Warning	Sunday	July 7, 2013	*1255	Off Marblehead
* The first warning signal will be preceded by an attention horn not later than 1250 EDT				
Halifax	Day	Date	Time – ADT	Location
Awards presentation time limit	Thursday	July 11, 2013	1200	RNSYS
Awards ceremony	Thursday	July 11, 2013	1700	RNSYS
Race time limit	Saturday	July 13, 2013	1200	RNSYS

- 5.2 Social and Other Events:** Will be posted on the race website: www.marbleheadtohalifax.com and during Registration and Check-in at the BYC Yardarm building.

6 RATING CERTIFICATES, MEASUREMENTS

6.1 Rating Certificates

6.1.1 PHRF Certificates:

(i) Each yacht in the PHRF Racing and Cruising divisions shall provide a current PHRF-NE handicap rating certificate.

(ii) Yachts in both PHRF divisions having a current PHRF handicap certificate issued by a recognized regional authority *other than* PHRF-NE, including PHRF Nova Scotia, shall submit their certificates, with any requested supporting data, to MHORC for review by the PHRF-NE Handicap Review Board and normalization to PHRF-NE standards. There will be no fee imposed by PHRF-NE for this service.

6.1.2 IRC Certificates: Each yacht in the IRC division with a TCC of 1.08 or greater (faster) shall provide a current Endorsed IRC Certificate. Yachts with a TCC of less than 1.08 may provide either a Standard or an Endorsed IRC Certificate.

6.1.2 ORR Certificates: Each yacht in the PHRF Racing and IRC divisions that has elected to be dual scored under ORR shall provide a current ORR certificate. ORR Certificates based on sister ship data will be acceptable to MHORC.

6.1.3 HPR Certificates: Each yacht in the IRC division that has elected to be dual scored under HPR shall provide a current HPR certificate.

- 7 SAILING INSTRUCTIONS:** Sailing Instructions will be provided during check-in and registration, and will also be available at the captains' meeting.

8 COURSE: The start will be in the vicinity of the mouth of Marblehead Harbour and the finish will be in the vicinity of the Northwest Arm of Halifax Harbour. The course length will be approximately 363 nautical miles. Course details will be provided at the Captains' Meeting and in the Sailing Instructions.

9 TIME LIMIT: Saturday July 13, 2013, 1200 ADT.

10 RADIO COMMUNICATION

10.1 Each yacht shall monitor VHF Channel 16 throughout the race.

10.2 It is strongly recommended that all yachts provide a means of long-range two-way communications by satellite telephone. This equipment should remain "on" and ready to receive incoming calls, or email, between 0600 and 0800 and between 1800 and 2000 each day until the yacht arrives at a port.

11 PRIZES: The Prize Presentation Ceremony is scheduled for Thursday July 11, 2013 at 1700 ADT. Prizes will be awarded for all classes and competitions that have finished before 12 noon on Thursday, July 11th. Prizes for competitions and classes that finish after that time will be forwarded separately to the recipients.

11.1 Division trophies as follows will be awarded for first place in division on corrected time.

- PHRF Racing Division Province of Nova Scotia Trophy.
- IRC Division Commonwealth of Massachusetts Cup.
- ORR Division David P. Prince Trophy.
- PHRF Cruising Division Halifax Tourist Bureau Cup.
- HPR Division The High Performance Trophy.

Prizes will be awarded in each class of each division for first, second and third places.

11.2 The Olin J. Stephens Trophy will be awarded for the yacht scored under ORR in a Spinnaker division with the best combined performance in the 2012 Newport Bermuda Race and the 2013 Marblehead-to-Halifax Race.

11.3 The Chelsea Clock Trophies will be awarded for the best combined performance in the 2013 Annapolis to Newport and Marblehead-to-Halifax Races in the IRC, PHRF and Doublehanded Divisions

11.4 The Friar Trophy will be awarded to the yacht with the best combined performance in the Route Halifax Saint Pierre 2012 and this 2013 Marblehead-to-Halifax Race. This race is also a qualifier for the 2014 Friar Trophy.

11.5 Trophies will also be awarded for Special Competitions as follows:

- Team Competition: Canada vs US RNSYS Race Committee Bowl
- Yacht Club Team Competition Parker C. Hatch Memorial Trophy
- Doublehanded – PHRF Racing Bras D'Or Lakes Trophy
- Doublehanded – IRC Trustee Bowl
- Women's Crew – PHRF Racing Gabriella Trophy
- Maritime Academy – PHRF Racing Academy Cup.

11.6 Additional prizes will include: the First Monohull to finish, the best performance by a Schooner, Ketch, or Yawl, and the best performance by a crew with an average age over 55 years.

12 DISCLAIMER OF LIABILITY: Competitors participate in the regatta entirely at their own risk. See RRS Rule 4, Decision to Race. The MHORC 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.

13 GENERAL INFORMATION

13.1 Yachts arriving from outside the United States must, on arrival at their first United States port of Entry, obtain Customs and Immigration clearance before the crew may go ashore. Further details regarding US Customs and Immigration requirements and procedures will be provided separately.

13.2 As soon as possible after arriving in Halifax, each skipper or his/her representative shall report with the yacht's documentation and crew list to the Canadian Border Services Agency. Further details regarding Canadian Customs and Immigration requirements and procedures will be provided separately.

13.3 Yacht owners are reminded that they should have the limits of their insurance extended to cover the area of the race, and also beyond if they plan to cruise further.

13.4 It is planned to arrange for gear transportation and details will be published before June 1, 2013.

14 CORRESPONDENCE: Communications regarding race matters should be directed to:

14.1 The Marblehead-to-Halifax Ocean Race Committee,
C/o Boston Yacht Club
P.O. Box 487,
Marblehead, Massachusetts, 01945 U.S.A.,
Phone (781) 631-3100, fax (781) 631-9059
Email: race@marbleheadtohalifax.com

or

14.2 The Marblehead-to-Halifax Ocean Race Committee,
C/o Royal Nova Scotia Yacht Squadron
376 Purcell's Cove Road,
Halifax, Nova Scotia, B3P 1C7, Canada,
Phone (902) 477-5653, fax (902) 477-6298.

15 MEDIA RIGHTS: Each competitor (including all crew members), as a condition of entry or participation, consents to allowing the MHORC and their sponsors the rights to use, free of compensation, his/her name and image in any media taken in connection with the event for the purpose of editorials, press information and/or advertising purposes.

MARBLEHEAD-TO-HALIFAX OCEAN RACE COMMITTEE

For the Royal Nova Scotia Yacht Squadron:

Chairman: Evan Petley-Jones

Vice Chairman: James Rafuse

Race Director: Richard Hinterhoeller

For the Boston Yacht Club:

Chairman: Vice Commodore Barry Klickstein

Vice Chairman: Past Commodore Harvey Brand

Race Director: Geoffrey Smith