



37th Biennial
2017 MARBLEHEAD-TO-HALIFAX OCEAN RACE
Joint Organizing Authority
The Royal Nova Scotia Yacht Squadron and
The Boston Yacht Club
Notice of Race

Revision 2

Start: Sunday, 9th July, 2017
Awards: Thursday 13th July, 2017
Distance: 363 nautical miles

RED TYPE indicates significant changes in 2017

GREEN TYPE and the black side-bar indicates additions and deletions resulting from the most recent amendment

1 RULES

- 1.1 The race will be governed by the rules as defined in *The Racing Rules of Sailing* (RRS).
- 1.2 National [Prescriptions of Sail Canada](#) will apply.
- 1.3 Between 2000 Atlantic Daylight Time (ADT) (UTC – 3 hr.) and 0800 ADT the *International Rules for Preventing Collision at Sea* ([IRPCAS](#)) will apply, during which times Part 2 of the RRS will not govern.
- 1.4 The World Sailing Offshore Special Regulations for Race Category 2 Monohulls (OSR), ~~including prescriptions of US Sailing~~, as modified in section 4 below will apply. These changes will be included in the inspection sheet which can be found at:
<https://www.marbleheadtohalifax.com/page/entry/inspections>
- 1.5 Except for double-handed entries the minimum crew size shall be 4.
- 1.6 A boat racing doublehanded shall be equipped with self-steering. This changes rule 52.
- 1.7 A boat in the PHRF-Cruising division with LOA 70' or longer or minimum sailing weight of 100,000 lb. or greater is permitted to use power winches. This changes RRS 52.
- 1.8 While transiting the Stellwagen Bank National Marine Sanctuary a boat shall monitor available data sources for real time whale sighting information. Such data sources include "Whale Alert"
<http://stellwagen.noaa.gov/protect/whalealert.html>

2 DIVISIONS

- 2.1 PHRF-Racing:
 - (a) The Performance Handicap Racing Fleet of New England ([PHRF](#)) rules (see "About PHRF" "Bylaws") will apply.
 - (b) A boat may carry a fourth spinnaker meeting PHRF rules without an increase in rating. This changes PHRF Rule 8.14.
- 2.2 PHRF-Cruising-Spinnaker:
 - (a) The Performance Handicap Racing Fleet of New England (PHRF) rules will apply.
 - (b) A boat shall carry no more than 1 asymmetrical spinnaker complying with PHRF rule 8.15.1. This changes PHRF rule 8.14. The spinnaker's tack shall be attached to the boat's centerline.
 - (c) The PHRF "Racing" rating will be used for scoring.
- 2.3 PHRF-Cruising: The Performance Handicap Racing Fleet of New England ([PHRF](#)) rules will apply. Note that the sails which are permitted are governed under PHRF Rule 8.13.
- 2.4 IRC:
 - (a) The [IRC](#) rule parts A, B and C will apply.

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(b) Under IRC rule 11.2, IRC rule 21.6.1 is varied to the extent that a boat may carry one more spinnaker than shown in her current IRC certificate of area not greater than SPA without an increase in rating.

(c) An unendorsed certificate will be accepted .

2.5 ORR:

(a) The [ORR](#) rule will apply.

(b) An [ORR-ez](#) certificate will be accepted for an Offshore Offwind ToT slower than 0.910.

2.6 Upon request the OA will consider adding other divisions provided 6 or more entries have been received by June 1st.

2.7 Each boat shall have access to a set of numeral pennants to be flown per the Sailing Instructions. Pennants shall be not less than 84 cm (33") long.

3 SPECIAL COMPETITIONS

Additional instructions for the special competitions listed below can be found in [Attachment A](#):

3.1 Race Committee Teams – Canada vs USA

3.2 Yacht Club Teams

3.3 Double-handed

~~Dual Scoring under HPR~~

3.4 All Women Crew

3.5 Maritime Academy

3.6 Schooner Ketch or Yawl

3.7 Over the Hill Gang

4 OFFSHORE SPECIAL REGULATIONS

4.1 **Hull Construction Standards (Scantlings)**: For a boat with Age or Series Date earlier than 2010 the Organizing Authority (OA) may, at its sole discretion, accept the offshore sailing history of the boat or a sistership in lieu of OSR 3.03. This changes OSR 3.03.

4.2 **Stability – Monohulls**: A boat which cannot demonstrate compliance with OSR 3.04.1 shall:

(a) Adhere to the rules of an offshore class which has previously been accepted by the OA, or

(b) **Demonstrate a minimum righting energy $m \cdot AGZ > 172000$ (where AGZ is the positive area under the righting lever curve in the minimum operating condition, expressed in kg metre degrees from upright to AVS)**. Where this number is unavailable the boat shall have a minimum sailing weight m, as defined by ISO 12217-2, of 3,000 kg (6,600 lb) and

(i) STIX not less than 32 and AVS not less than $130 - 0.002 \cdot m$ but always $\geq 100^\circ$; or failing that

(ii) the stability index in the ORC Rating System not less than 110; or failing that

(iii) SSS Base Value not less than 28. The OA may at its sole discretion accept an SSSN of less than 28 based upon other evidence of seaworthiness of the yacht or the sailing experience of the crew.

This replaces OSR 3.04.2

4.3 **Lifelines**: Lifelines installed after 2011 may be coated provided the coating is removed in the vicinity of terminal fittings to allow inspection of the cable to fitting joint. This changes OSR 3.14.6

~~**AIS Transponder**: An AIS transponder is strongly recommended.~~ Under OSR 3.29.13 an AIS transponder is required.

4.4 **Sail Letters & Numbers**: A boat should comply with the requirements of Appendix G governing class insignia, national letters and numbers on sails. This changes RRS 77 and OSR 4.01.

4.5 **Charts**: National Oceanic and Atmospheric Administration (NOAA) or Canadian Hydrographic Services (CHS) charts (not solely electronic) as follows:

(a) NOAA 1 or CHS 1 - Symbols, Terms and Abbreviations

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(b) CHS 4003 - Cape Breton to Cape Cod, or equivalent

(c) Either:

(i) NOAA 13274 (Pocket Fold) Portsmouth Harbor to Boston Harbor, or

(ii) NOAA 13275 - Salem and Lynn Harbors, and NOAA 13279 – Ipswich Bay to Gloucester Harbor

(d) CHS 4012 – Yarmouth to Halifax

(e) CHS 4237 - Approaches to Halifax Harbour

(f) CHS 4203 - Halifax Harbour - Black Point to Point Pleasant

4.6 **Liferafts:** Liferafts shall be equipped with an insulated floor. This changes OSR 4.20.2.

4.7 **Storm and Heavy Weather Sails:** A boat shall carry either:

(a) A storm trysail under OSR 4.26.2 c) and a heavy weather jib under OSR 4.26.2 a), this deletes OSR 4.26.2 b), or

(b) Mainsail reefing to reduce the luff by at least 40% and a storm jib under OSR 4.26.4 b), this deletes OSR 4.26.2 c).

4.8 **Lifejackets:** ~~Transport Canada approved lifejackets or PFDs will be accepted.~~ In OSR 5.01.1 a) i delete the words "if manufactured before 2012". Delete OSR 5.01.1 a) ii in its entirety. This changes OSR 5.01.1.

4.9 **Survival Training:** A certificate of attendance at a US Sailing – Sanctioned "Offshore" Safety at Sea Seminar will be accepted as evidence of compliance with OSR 6.01.4.

~~"Offshore" Safety at Sea (1 day) Seminar certificates dated after 2017 will not be accepted in future Marblehead-to-Halifax Ocean Races.~~

4.10 **Lifebuoy:** There will be no penalty for failing to store the second lifebuoy (see OSR 4.22.1) at the helm.

4.11 **Medical Training:** MNA recognized courses for OSR 6.05.2 are listed at:

(a) US Sailing: <http://www.ussailing.org/racing/offshore-big-boats/senior-first-aid-certification/>

(b) Sail Canada: http://www.sailing.ca/files/SC_OSR_2016_2017_Mo2.pdf

5 ADVERTISING

5.1 Boats may be required to display advertising chosen and supplied by the OA.

5.2 A boat shall carry a Position Locating Transponder (PLT), provided by the OA, mounted so that it is functional.

6 ELIGIBILITY AND ENTRY

6.1 The race is open to boats with a:

(a) PHRF Racing rating no greater than 180 for the PHRF-Racing Division.

(b) IRC TCC no less than 0.880 for the IRC Division.

(c) ORR "Offshore Mainly Downwind" time-on-time rating no less than 0.760 for the ORR Division.

(d) PHRF Cruising rating no greater than 200 for the PHRF-Cruising Division.

At the sole discretion of the OA, a boat with a slower rating may be accepted.

Note that PHRF New England offers, with some restrictions, a free certificate valid for one event. For details please see http://www.phrfne.org/page/free_cert/

A boat shall declare her choice of division no later than the entry deadline (NoR 9.1 below).

6.2 The navigator and two watch captains (one for double-handed entries) shall each have completed, in their respective roles, in no less than 3 offshore races, each no less than 90 nautical miles in length.

At the sole discretion of the OA, other offshore experience may be accepted.

6.3 Eligible boats may enter by following the instructions at:

<http://www.marbleheadtohalifax.com/page/register>

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- 6.4 Late entries will be accepted at the sole discretion of the OA.
- 6.5 The maximum number of boats that will be accepted is 150.
- 6.6 A person from each boat shall represent the boat at Mandatory Check-in.

7 REGISTRATION REQUIREMENTS

- 7.1 Online registration no later than the Entry Deadline (NoR 9.1 below).
- 7.2 Entry fee no later than the Entry Deadline (NoR 9.1 below).
- 7.3 Online crew list including emergency contact information, customs information and acceptance of the waiver no later than close of Mandatory Check-in.
- 7.4 Rating certificate(s), preferably sent by email in advance no later than close of Mandatory Check-in.
- 7.5 Safety inspection Deficiency Report. Inspection Card and a copy of the Deficiency Report to be kept aboard for final inspection in Halifax.

8 FEES

8.1 The required fees are as follows:

(a) Entry fee:

Boat LOA	Entry Fee US\$		
	Received before May	Received during May	Received after May
<38'	1050	1150	1250
38' to <42'	1110	1210	1310
42' to <50'	1190	1290	1390
50' to <60'	1300	1400	1500
60' and up	1440	1540	1640

Includes:

- (i) launch service at BYC after 1400 on Wednesday, July 5
 - (ii) two BYC wristbands / RNSYS ticket packages
 - (iii) moorings and launch service at RNSYS until 1100 on Friday, July 14
- (b) Provided the *Person in Charge* informs the registrars of the boat's withdrawal from the race:
- (i) A boat withdrawing before June will be eligible for a 100% refund
 - (ii) A boat withdrawing before July will be eligible for a 50% refund
- (c) A credit card imprint will be taken as a damage or loss deposit on PLTs (NoR 5.2 above).

9 SCHEDULE

Marblehead					
	<i>Day</i>	<i>Date 2017</i>	<i>Time-EDT[†]</i>	<i>Location</i>	
9.1	Entry Deadline	Saturday	July 1	1800	BYC
9.2	Mandatory Check-in	Thursday	July 6	1200-1900	BYC Yardarm
9.3	Mandatory Check-in	Friday	July 7	1000-1800	BYC Yardarm
9.4	Mandatory Check-in	Saturday	July 8	0830- 1030	BYC Yardarm
9.5	Skippers' Meeting *	Saturday	July 8	1200	BYC Tent
9.6	Scheduled time of the warning signal for the first class to start	Sunday	July 9	1255	Off Marblehead
Halifax					
	<i>Day</i>	<i>Date 2017</i>	<i>Time-ADT</i>	<i>Location</i>	
9.7	Race Time Limit	Thursday	July 13	1400	RNSYS
9.8	Prize-Giving ceremony	Thursday	July 13	1700	RNSYS
	Race Time Limit	Saturday	July 15	1200	RNSYS

† EDT: Eastern Daylight Time (UTC – 4 hr.)

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ADT: Atlantic Daylight Time (UTC – 3 hr.)

- * At least one representative from each boat shall attend the ~~Captain~~Skipper's Meeting.

10 MEASUREMENTS AND INSPECTIONS

- 10.1 A boat shall submit a measurement certificate, preferably electronically, for each rating system under which she wishes to be scored for Special Competitions (see Attachment A) and to have her corrected time calculated, without eligibility for additional prizes, in the All Ratings list on the results page.
- 10.2 Under OSR 2.02 a boat may be inspected at any time until she has been released by the post-race inspectors at RNSYS.

11 SAILING INSTRUCTIONS

- 11.1 The sailing instructions will be included in the Skipper's Package at mandatory check-in. Please bring it to the Skippers' meeting.

12 VENUE

- 12.1 The race is approximately 363 nautical miles in length, starting with a course racing component off Marblehead Harbor and ending near the entrance to the Northwest arm of Halifax Harbour.

13 RADIO COMMUNICATION

- 13.1 Each boat shall monitor the VHF channels designated in the sailing instructions.
- 13.2 It is strongly recommended that boats carry a satellite phone for 2-way communication.

14 SCORING

- 14.1 The corrected time will be calculated using time-on-time scoring.
- 14.2 For PHRF the Time Correction Factor (TCF) will be calculated as:
$$\text{TCF} = 650 / (550 + \text{PHRF})$$
Calculated to the nearest 0.001 (0.0005 to be rounded upward).
- 14.3 For ORR the corrected time will be calculated using the "Offshore Offwind" Time on Time (ToT) Rating.

15 PRIZES

- 15.1 Prizes will be given as follows:
- (a) *Halifax Herald and Mail Trophy* to the first monohull to finish on elapsed time
 - (b) *Commonwealth of Massachusetts Cup* to the first boat in the IRC division on corrected time
 - (c) *David P. Prince Memorial Cup* to the first boat in the ORR division on corrected time
 - (d) *Province of Nova Scotia Tray* to the first boat in the PHRF-Racing division on corrected time
 - (e) *Halifax Tourist Bureau Cup* to the first boat in the PHRF-Cruising division on corrected time
 - (f) A prize will be awarded to the first boat in the PHRF-Cruising-Spinnaker division on corrected time
 - (g) Where the division has not been divided into classes, a prize will be given to 2nd and 3rd in division.
 - (h) Where the division has been divided into classes, a prize will be given to 1st, 2nd and 3rd in each class.
 - (i) Prizes as described in *Attachment A, Special Competitions*
 - (j) *Cook's Plate* will be awarded to the chef aboard the last boat to finish on elapsed time

16 MEDIA RIGHTS

Each boat (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.

17 DISCLAIMER OF LIABILITY

~ Revision 2 ~ February 12, 2017 – replacing Revision 1 ~ February 5, 2017 ~

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Competitors participate in the race entirely at their own risk. See RRS 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 race.

18 INSURANCE

Each participating boat shall carry sufficient valid third-party liability insurance.

19 FURTHER INFORMATION

For further information please contact:

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
or

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
www.marbleheadtohalifax.com

MARBLEHEAD-TO-HALIFAX OCEAN RACE COMMITTEE

For the Boston Yacht Club:

Chair: Jennie Aspinall
Vice Chairman: David Bows
Race Director: Anne Coulombe

For the Royal Nova Scotia Yacht Squadron:

Chair: Will Greenwood
Vice Chair: Michael Simms
Race Director: Richard Hinterhoeller

Protest Chair: TBD