

# The Fifteenth Marion – Bermuda Cruising Yacht Race, Friday, June 17, 2005

## NOTICE OF RACE

December 1, 2004

### 1. ORGANIZING AUTHORITY AND SPONSORS

The Organizing Authority is the Marion – Bermuda Cruising Yacht Race Association, Inc. It is sponsored by:

<b>The Beverly Yacht Club</b>	Marion, Massachusetts
<b>The Blue Water Sailing Club</b>	Boston, Massachusetts
<b>The Royal Hamilton Amateur Dinghy Club</b>	Paget, Bermuda

### 2. OBJECTIVES

The Marion – Bermuda Race provides an opportunity for cruising yachts and amateur crews to participate in an ocean race and a rendezvous in Bermuda. It encourages the development of blue water sailing skills on seaworthy yachts that can be handled safely offshore with limited crew. Yachts may not be entered with an intention of furthering a commercial or trade purpose.

### 3. ABBREVIATIONS AND CONVENTIONS

*Our abbreviations:*

<b>BWSC</b>	Blue Water Sailing Club
<b>BYC</b>	Beverly Yacht Club
<b>RHADC</b>	Royal Hamilton Amateur Dinghy Club
<b>MBCYRA</b>	Marion – Bermuda Cruising Yacht Race Association, Inc.
<b>SSB</b>	Single Sideband, a popular method of long distance radio communication
<b>ISAF</b>	International Sailing Federation
<b>ISAF book</b>	<i>ISAF Special Regulations Governing Offshore and Oceanic Equipment and Preparation, 2004 – 2005, including US SAILING prescriptions</i>
<b>RRS</b>	<i>Racing Rules of Sailing 2005 – 2008, including selected US SAILING prescriptions</i>

*Our conventions:* All dates are in the year 2005 unless otherwise noted.

*Our web site:* [www.marionbermuda.com](http://www.marionbermuda.com)

### 4. DESCRIPTION

The Marion – Bermuda Race is an ISAF Category 1 race. US SAILING's description is:

*“A race of long distance, well offshore, in large unprotected bays, and in waters where large waves, strong currents, or conditions leading to rapid onset of hypothermia are possible, where yachts must be completely self-sufficient for extended periods of time, capable of withstanding heavy storms and prepared to meet serious emergencies without the expectation of outside assistance.”*

## 5. START DATE AND COURSE

The Race starts in Buzzards Bay, off Marion, Massachusetts on Friday, June 17, and finishes off St. David's Head, Bermuda. The rated length of the race course is 645 nautical miles. The start may be postponed if unusually heavy weather is anticipated. The Multihull Division will start one day later, on June 18.

## 6. RULES

- a. The Race will be governed by:

The Racing Rules of Sailing, 2005 – 2008 edition, including US SAILING Prescriptions.

This Notice of Race.

The 2005 Marion – Bermuda Cruising Yacht Race Sailing Instructions

Equipment requirements as applicable to Category 1 events in the ISAF book, 2004 – 2005, as delineated by MBCYRA (see links below)

Regulations of AMERICAP II™, except for paragraph 4C, “Crew Limits”

For Multihull yachts, the rating system provided by The New England Multihull Association

The ISAF Sailors Classification Code (Regulation 22)

Links to important web sites: (Press CTRL and click on address)

RRS	<a href="http://www.usailing.org/rules/">http://www.usailing.org/rules/</a>
US SAILING's Prescriptions	<a href="http://www.usailing.org/rules/2005-2008%20Prescriptions.pdf">http://www.usailing.org/rules/2005-2008%20Prescriptions.pdf</a>
ISAF web site for Monohulls	<a href="http://www.sailing.org/offshore/2004/2004Mo1.pdf">http://www.sailing.org/offshore/2004/2004Mo1.pdf</a>
ISAF web site for Multihulls	<a href="http://www.sailing.org/offshore/2004/2004Mu1.pdf">http://www.sailing.org/offshore/2004/2004Mu1.pdf</a>
ISAF Sailors Classification Code:	<a href="http://www.sailing.org/isafsailor/">http://www.sailing.org/isafsailor/</a>

- b. The Sailing Instructions or any advisories or amendments as issued by MBCYRA may change any of these documents as permitted by the RRS. It is the intention of the organizers to post the Sailing Instructions on the Race web site by January 1.
- c. Copies of both the RRS and the ISAF book must be aboard your yacht at the start of the race.
- d. An International Jury will be constituted in accordance with RRS Rule 70.4 and Appendix N.
- e. Both the Jury and Compliance Committee may assess alternate time penalties in lieu of disqualification.

## 7. YACHT ELIGIBILITY AND EQUIPMENT REQUIREMENTS

- a. Your yacht may be a single or a multihulled sailing vessel. It must have an enclosed cabin and be fitted out for comfortable cruising, including permanent bunks, a permanently installed and enclosed toilet, and permanently installed cooking facilities suitable for use at sea. Her hull length, exclusive of spars or projections fixed to the hull, such as bowsprits and pulpits, is 32.0 feet minimum and is 80.0 feet maximum. Moveable ballast is not permitted. Your yacht shall be, in the judgment of the Selection Committee, of a design of demonstrated seaworthiness and appropriate for sailing well offshore.
- b. This is a Category A event as described in Appendix 1 of the RRS; thus displays of advertising on your yacht are severely restricted. The RRS exempt clothing and personal gear from this restriction.
- c. If your vessel is a monohull yacht, it must meet the ISAF Monohull requirements for a Category 1 offshore event, with the following modifications.
- 3.03.9 (Scantlings) Does not apply.
- 3.14.6 Lower lifeline minimum wire diameter may be 1/8", regardless of the LOA of the yacht.
- 3.23.5a (Pumps) Substitute “Two manual bilge pumps, one securely fitted to the yacht's structure, one operable above deck, the other below deck. One shall be operable with all cockpit, seats, hatches and companionways shut”.
- 3.23.5f (Buckets) Substitute “approximately” for “at least” 2.4 US gallons.

- 3.27 Masthead tricolor lights are strongly recommended for boats without rotating masts.
- 3.28.1c iii The radio receiver must be capable of receiving single sideband broadcasts.
- 3.28.2a Amended. Yachts may carry a portable generator, which shall be adequately secured both when stowed and in use on deck.
- 3.29.1ii Substitute “it shall have a masthead antenna or an antenna mounted on a permanently installed pole at least 12 feet above the water line, such as a radar mount. A co-axial feeder cable must be used such that there is not more than 40% power loss.”
- 4.01.1 (Sail letters and numbers) See Section 8, paragraph j.
- 4.02.1 (Colored panels) (a) is required. (b) is recommended.
- 4.08.1 An extensive first aid manual may be substituted for the publications listed by ISAF.
- 4.10 US SAILING ‘s radar reflector prescriptions: “*Radar reflectors shall have a minimum documented ‘equivalent echoing area’ of 6 m<sup>2</sup>. Octahedral reflectors shall have a minimum diameter of 12 inches.*”
- 4.20.1e We strongly recommend that life rafts be equipped with insulated floors.
- 4.26.2 (Storm and heavy weather sails) See Section 8, paragraph d.
- 5.01 (Lifejackets) We have modified US SAILING’s first prescription. One Type I U.S. Coast Guard approved personal flotation device (PFD) must be aboard the yacht for each person even if inflatable PFDs are aboard. Each PFD must have a strobe or other rescue light on a lanyard long enough to allow the wearer to hold the light above their head and have a strong whistle firmly attached on a lanyard long enough so that the whistle can be placed in the mouth.
- 5.10.1 (Anti-gybing device) We have made the US SAILING recommendation a requirement.
- d. Additional required equipment on board:
- A fully-charged waterproof hand-held VHF.
  - A properly registered 406 MHz EPIRB. We recommend a GPIRB, a unit that contains an integral GPS.
  - Docking equipment for Bermuda if your yacht will be berthed at the RHADC, includes at least five fenders, four docking lines and a marine power cord at least 100 feet long.
  - A complete set of International Code Flags, including numerical pennants and repeaters on board, as we use these as racing class and rating-in-class identifiers. We will provide details at the Captains’ Meeting.
- e. The following consumables must be on board at the start:
- Sufficient fuel in permanently installed tanks to motor at least 250 miles
  - At least 10 gallons of fresh water per person
  - Sufficient stores for the crew for at least 14 days
- f. All ordinary cruising gear, such as cabin tables and galley equipment, must be on board and in its usual cruising position during the race.
- g. Power-driven winches and mechanical or electro-mechanical steering devices are permitted in all divisions. This modifies RRS 52.
- h. An SSB radio receiver capable of receiving weather broadcasts must be aboard.
- i. Either an SSB transceiver or a satellite phone must be aboard and in good working order.
- j. Your vessel must display identical weather cloths on each side of the cockpit with numbers at least 16 inches in height at both the start and finish. These must be exactly the same numbers as are on your sails.

**Note:** Requirements for multihull vessels will be based on the ISAF multihull Requirements for a Category 1 offshore event. Modifications to those requirements will be made available as soon as possible.

## 8. SAILS

- a. We do not permit the use of poled symmetrical spinnakers, mizzen spinnakers, or bloopers.
- b. You will be allowed one asymmetrical cruising spinnaker, provided the tack attaches to the stem of your yacht, or to the end of your bowsprit, or to the end of a sprit which is permanently installed at the bow of your yacht for the purpose of tacking down an asymmetrical spinnaker.
- c. There will not be separate spinnaker classes or divisions. If you elect to use a cruising spinnaker, that election must be declared on your AMERICAP II rating application.
- d. You must have aboard at least one storm trysail, one storm jib and one heavy-weather jib, as described in the ISAF book, paragraph 4.26. We **require** color patches on both sides of all storm sails. We strongly recommend that the yacht's sail number be marked on the patch. This modifies the ISAF book, paragraph 4.26.2.

You may also have:

- One sail hoisted on each mast
  - One mizzen staysail
  - A regular cruising forestaysail hoisted on its permanently rigged forestay if your yacht is a cutter rig and is handicapped in accordance with paragraph 8f
  - Three other sails, which may be any combination of jibs, forestaysails and mizzen staysails
- e. You may fly multiple headsails simultaneously. The size of the largest headsail you have declared and the use of a cruising spinnaker, a mizzen staysail, and carbon fiber masts will affect your yacht's handicap.
  - f. All headsails must be continuously attached to a permanent forestay or headstay. Hoisting a forestaysail is only permitted if your yacht has a professionally installed inner forestay and you have declared that on your AMERICAP II rating. You should also ensure that your sail configuration complies with RRS 50.1 – 50.4.
  - g. Your jibs, forestaysails and mizzen staysails must pass the "headsail" test of RRS 50.4.
  - h. You may have other sails on board, but they must be boldly marked "**NOT FOR RACING**" and stowed separately to prevent their inadvertent use.
  - i. For safety reasons, your whisker pole length may not be longer than 105% of your yacht's "J". Adjustable poles must be secured so they cannot be extended beyond this limit. When in use, your yacht's whisker pole must be attached to the mast, as described in RRS 50.2.
  - j. We do not require national letters (USA, BER) on sails or weather cloths. We do require "numbers" (which may be any mix of letters and numbers), at least two characters long, on mainsails. We strongly recommend the same numbers on all headsails. Sails with other numbers may not be used. This modifies the ISAF book, paragraph 4.01.1 and RRS Rule 77, and Appendix "G".
  - k. You must display your yacht's numbers at all times.

## 9. YACHT AND EQUIPMENT COURTESY INSPECTION

- a. It is the Captain's responsibility to arrange a mutually acceptable time and place for a mandatory courtesy yacht inspection with a Race Inspector not later than June 7. All deficiencies noted must be corrected before a yacht may register on site; therefore inspection well before the deadline is strongly recommended. Our document, "**Comments on various ISAF and Notice of Race Requirements**", will be on our web site after January 1<sup>st</sup> and is very valuable in preparing your yacht for our courtesy inspection.
- b. Yachts accepted for the Race must obtain an Equipment Inspection Checklist and a list of volunteer Race Inspectors from our web site. Race courtesy inspections do not assure that a yacht is seaworthy or capable of extended offshore passages, nor are they a substitute for a proper marine survey.

- c. A number of yachts, particularly prize candidates, will be selected at random and will be inspected again after the race.

## 10. CAPTAIN AND CREW ELIGIBILITY

- a. Each yacht's racing complement must consist of Group 1 sailors, except that each yacht may have one Group 2 sailor on board with no limitations on his or her role. No Group 3 sailor may participate.
- b. All yachts must submit crew lists. The captain and each member of the crew must obtain an ISAF Sailor's Classification from the ISAF. This can be done online at <http://www.sailing.org/isafsailor/> at no charge. We urge you to begin this process as early as possible. Each Sailor's Classification Certificate must be submitted with the crew list.
- c. The Crew Entry Time Limit is May 5. By this date, the list of all **potential** crew and their ISAF Sailor's Classifications must be received by MBCYRA. Our Selection Committee must approve any replacement of the captain or navigator.
- d. The Crew Deadline is May 19. The actual crew list must be submitted by this date. This crew list, including ISAF Classifications, will be displayed on the Official Notice Board on the porch at the BYC and our web site. No subsequent changes in crew may be made without prior written permission of the Selection Committee.
- e. After the Crew Deadline, a yacht may be protested on the grounds that the crew classification is incorrect.
- f. Any such protest shall be submitted to the Classification Committee formed locally as provided under ISAF Regulation 22.3.6.
- g. The Classification Protest Time Limit is 1800, June 3. Decisions will be rendered by 1600 on June 10. The Classification Protest Time Limit will not apply to crew changes made after May 19. Protests concerning late crew changes may be referred to the Classification Committee or the International Jury.
- h. The captain and crew must be of demonstrated competency for an ISAF Category 1 race. We define competency as sufficient prior experience with offshore passages or races of at least 250 miles by enough of the crew to adequately manage the yacht.
- i. The captain must be a member of his or her national yacht racing authority, such as US SAILING or the Bermuda Sailing Association. All others on board must be ISAF eligible.
- j. Each yacht must have a minimum of four adults (16 or older before June 17) aboard, except for the double-handed division.
- k. Captains and navigators who have not completed a Marion – Bermuda Race or the equivalent within the last six years are strongly encouraged to attend the Marion – Bermuda Safety at Sea Seminar, to be held at MIT on March 26, 2005. In addition, at least one other crewmember, preferably a watch captain, should also attend this seminar. You can find time, place and registration information for this Seminar on our web site.
- l. Yachts sailing with two to five people on board are required to have aboard at least two crew who have attended a Marion – Bermuda Safety at Sea Seminar or a Safety at Sea Seminar that is recognized by a National Authority within five years of the start of the Race. Yachts with more than five people shall have three such people aboard.

## 11. ENTRIES AND FEES

An Entry Fee of \$950 is due at the time of application or by March 15, whichever is earlier. After March 15, the fee is \$1100. **Your payment must be received by MBCYRA for our acceptance process to begin.** The Entry Fee is not refundable once your entry has been accepted but will be returned promptly if your entry is not accepted. The Entry Fee includes professional briefings on weather and the Gulf Stream at the Captains' Meeting, as well as an on-call professional medical diagnosis and consulting service during both the race and your return passage.

## 12. HANDICAPPING

All monohull yachts will use US SAILING'S AMERICAP II rating system. Yachts will be rated according to the coefficients on the AMERICAP II certificate. Refer to the "Instructions for Applicants" page on the web site for guidance on obtaining a rating. Your yacht's rating must be in the hands of MBCYRA prior to June 1 and US SAILING requires at least three weeks to process your completed rating application. Multihull yachts will be handicapped by the New England Multihull Association.

## 13. RACING DIVISIONS AND CLASSES

- a. MBCYRA shall have full authority to determine the suitability of any yacht for entry into any division and may divide any division into classes at its discretion. The following divisions will be included in the Race:

- Monohull Celestial Navigation Division
- Monohull Electronic Navigation Division
- Multihull Division
- Double Handed Division

For Multihull and Double Handed Divisions, entries from at least six yachts by March 1 may be required.

b. **Monohull Celestial Navigation Division**

Your navigator must be skilled and experienced in celestial navigation at sea. Restrictions on the use of electronics apply only to uses related to navigation, weather or ocean currents, not entertainment or other non-race uses. The following devices may be used at any time:

Speedometer and log  
Compass and Depth finder  
Wind speed and direction indicator  
Radio receiver and radio direction finder  
Radar  
Calculators or computers for reducing sights or computing courses  
Temperature indicating devices  
Tape recorders

Any electronic navigation device may be used if your yacht is within 20 nautical miles of the United States coast, or if her estimated position is within 50 nautical miles of Bermuda, or in an emergency. Use of electronic navigation devices by a celestially navigated yacht in an emergency shall be fully documented and included on the yacht's *Certificate of Compliance*.

c. **Monohull Electronic Navigation Division**

The Electronic Navigation Division has no limits on use of position indicating systems.

**A written request for a change of Division will be accepted by MBCYRA until May 1, but is subject to approval of the Selection Committee. Yachts will be entered in the Electronic Navigation Division if a selection is not made prior to May 1.**

d. **Multihull Division**

Yachts must meet all of our standards as described in Section 7 except paragraph c. Other rules and requirements are to be determined.

e. **Double Handed Division**

This division will be limited to monohull cruising yachts sailed by two individuals. Both sailors shall have significant offshore sailing experience which will be reviewed by our Selection Committee. This Committee has sole discretion over the acceptance or rejection of individual sailors.

#### 14. NAVIGATION, WEATHER AND ELECTRONICS

- a. You must keep a log in a logbook and make entries at least once each watch. The log should show courses and distances made good and DR positions. The logbook and all navigating work, plotting sheets and celestial sight reduction forms, if applicable, must remain on board and be available for inspection in Bermuda by our Compliance Committee.
- b. You may use any communication device, such as VHF, a cell phone, a satellite telephone or SSB for **non-race** related communications.
- c. You may **not** use any service that permits reception of weather, ocean current or ocean temperature data from the start of the Captains' Meeting until your finish unless they are free and available to the entire racing fleet. This includes yacht-to-yacht communications during the Race.

#### 15. ON-SITE REGISTRATION AND CAPTAINS' MEETING

- a. Either the captain or navigator must register the yacht at the BYC before 1400 on Thursday, June 16 or pay an additional late registration fee of \$200.00. The registration desk will be open during the following hours:
  - 0900 – 1800 Tuesday, June 14
  - 0900 – 1800 Wednesday, June 15
  - 0900 – 1400 Thursday, June 16

In addition, yachts may register “early” on Sunday, June 12, or Monday, June 13, by making an appointment with Cathy Roberts at (508) 758-3624.

The following documents will be required to register your yacht:

- MBCYRA Waiver of Liability, signed by all crewmembers. Multiple forms are acceptable.
- MBCYRA Equipment Inspection Checklist, indicating that the yacht has passed inspection
- Life Raft Certificate(s) of Inspection & Compliance
- The 15 digit international alphanumeric EPIRB or GPIRB registration number
- The Captain's Certification that crew attendance at Sanctioned Safety-at Sea Seminars meets the requirements of paragraphs 10k and 10l. The Certification form is available on our web site.

You will receive Sailing Instructions, Customs and Immigration forms, and Bermuda information there.

- b. We will host a Captains' Meeting on Thursday, June 16 at 1700. The captain or navigator must attend the entire meeting. The Meeting will include briefings on weather, the Gulf Stream and approaches to Bermuda. These briefings are the only ones sponsored by MBCYRA. Up to two other crew members are welcome to attend.

#### 16. CAPTAIN'S RESPONSIBILITY AND WAIVER OF CLAIMS

- a. ***(ISAF book, paragraphs 1.02.1 & 1.02.2):***

“The safety of a yacht and her crew is the sole and inescapable responsibility of the Captain, who must do his best to ensure that the yacht is fully found, thoroughly seaworthy and manned by an experienced crew who are physically fit to face bad weather. He must be satisfied as to the soundness of hull, spars, rigging, sails and all gear. He must ensure that all safety equipment is properly maintained and stowed and that the crew knows where it is kept and how it is to be used. Neither the establishment of any Special Regulations, their use by race organizers, nor the inspection of a yacht in any way limits or reduces the complete and unlimited responsibility of the Captain.”

- b. Neither the organizers nor the sponsoring clubs bear responsibility for accidents, damage or injuries to yachts or their personnel arising from any cause before, during, or after the race. Refer to RRS 68, particularly US SAILING's prescriptions.

## 17. TROPHIES

Trophies will be awarded to yachts based on their corrected time unless otherwise described. Other prizes may be awarded at the discretion of the Trophy Committee:

*Note: Additional trophies will be established for the double-handed and multihull divisions.*

### *Fleet Trophies:*

<b>BYC Polaris Trophy</b>	First celestially navigated monohull yacht.
<b>RHADC Centennial Trophy</b>	First electronically navigated monohull yacht.
<b>BWSC Board of Governors Trophy</b>	First monohull yacht to properly cross the finish line.
<b>Navigator's Trophy</b>	Navigator of the first “celestial” monohull yacht.
<b>Commemorative Bulkhead Plaques</b>	Each yacht finishing the race.

### *Class Trophies:*

<b>First, 2<sup>nd</sup> and 3<sup>rd</sup> Place Trophies</b>	
<b>Cook's Trophies</b>	To the cook of the last yacht to finish in each racing class.

### *Special Trophies – to be awarded if there are three or more such yachts finishing the Race:*

<b>L. Byron Kingery, Jr. Memorial Trophy</b>	First “short-handed” yacht, one with four people aboard.
<b>Beverly Family Trophy</b>	First “family” yacht. A “family” yacht is one with a crew of five or more with all or all-but-one being members of a single family. We define “family” as persons who are related to a common grandparent, and their spouses.
<b>Ocean Spray Marion – Bermuda Trophy</b>	To the established yacht club or sailing organization whose team of three yachts has the lowest combined time. Organizations must submit an application by May 15.
<b>“Mini-class” Trophies</b>	First yacht in each mini-class. When yachts of the same hull design start the race, they will constitute a “mini-class”, regardless of their Racing Division.
<b>Bartram Trophy</b>	Best performance by a US service academy, maritime college or an ROTC yacht.
<b>All Female Crew Trophy</b>	First yacht that is crewed entirely by females.

### *Regional and Club Trophies:*

Awarded to yachts that have not received Fleet or Special Trophies, except the Ocean Spray, Bartram or Mini-Class. Only one Regional or Club trophy will be awarded per yacht:

<b>Adams Bowl</b>	A New England yacht
<b>Deborah Anne Domenie Memorial Trophy</b>	A New York, New Jersey or Connecticut yacht
<b>Naval Academy Trophy</b>	A Chesapeake Bay yacht
<b>Corporation of Hamilton Trophy</b>	A Bermuda yacht
<b>Town of Marion Trophy</b>	A Buzzards Bay yacht
<b>Commodore's Cup</b>	A Blue Water Sailing Club yacht
<b>Bermuda Longtail Trophy</b>	A Beverly Yacht Club yacht

### *Exemplary Performance:*

**The Robert N. Bavier, Jr. Seamanship – Sportsmanship Trophy** may be awarded at the discretion of the MBCYRA Trustees in recognition of truly outstanding seamanship or sportsmanship, independent of a yacht's finishing position.