

# ***CRUISING DIVISION -MACKINAC RACE RULES-***

BAYVIEW YACHT CLUB

**BYC Mackinac Race – Cruising Division Mackinac Race Rules**

**A. General Information**

- **Purpose:** To create a sailing configuration and handicapping system that allows cruising-style boats to equitably compete on the Bayview-Mackinac Race – Shore Course.
- **Rules:** The Rules as listed in the Bayview-Mackinac Notice and Conditions of Race ([www.bycmack.com](http://www.bycmack.com)) and the following document(s):
  - “Cruising Division Mackinac Rules”, which includes the General Information, PHRF Racing and Cruising Form and Details – Actions, Credits and Penalties
  - Performance Handicap Racing Fleet (PHRF) of the Detroit Regional Yacht-Racing Association ([www.drya.org](http://www.drya.org)), known as Section 15 – DRYA PHRF Rules and Regulations (items 15.8 through 15.14), shall apply to the Shore Course Cruising Division Rules except as modified by this and associated documents.
  - These “Cruising Division Mackinac Rules” are to be used for the following Divisions/Classes: Shore Course Cruising.
- **Acceptance:** The BYC Race Committee, in its sole discretion, may accept or deny any boat’s entry to the Shore Course Cruising Division. A *Final Race Rating* is defined as a boat’s PHRF Bayview-Mackinac Race, Shore Course Cruising Base rating with all appropriate credits and penalties applied. Boats with a SA/D greater than 20.9 are welcome to race, but may incur an additional negative rating adjustment to more fairly rate them against cruising style boats. Boats racing with a SA/D of 17 or less **MAY** receive a +3 second/nmile credit, upon review by the BYC Handicap Committee.
- **Definition – SA/D: SA/D Ratio** is the sail area/displacement ratio. This ratio indicates how fast the boat is in light wind. The higher the number, the faster the boat. Displacement is that of the boat applying to race. Displacement could be brochure weight, IRC weighed, etc. The BYC Handicap Committee will use the **SA** of a) the largest rated headsail, to be used, b) triangle area of the main (no roach) divided by the **D** (displacement of the subject boat) to find the appropriate SA/D Ratio. The SA/D formula is defined as [sail area (sq. ft.) / (Displacement/64)<sup>2/3</sup>].
- **Requirements:** All participants in the Shore Course Cruising Division **shall** complete and submit, along with their Bayview-Mackinac Race Entry, 1) a Cruising Division Certificate of Compliance and 2) the PHRF Racing and Cruising Form. Copies of the following documents **shall** accompany the Cruising Division – PHRF Racing and Cruising Form in order to be considered:
  1. Sail measurement certificates of the largest headsail, spinnaker and mainsail declared (produced by a sail maker or other certified measurer). **Failure to submit sail certificates may result in a 9 second/mile rating penalty.**
  2. **All** PHRF, IRC or ORR certificate(s) issued from any and all Racing authorities, valid or not.
- **Rating Adjustments:** The Race Committee, in its sole discretion, reserves the right to adjust any boat’s base rating, regardless of its origin, to best reflect its performance on the Bayview-Mackinac Race Course and in the Shore Course Cruising Division.
- **Classes:** Specific classes and splits will be made at the sole discretion of the Bayview Yacht Club Handicap Committee.

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**B. DETAILS - Actions, Credits and Penalties**

**Allowed Equipment and Actions While Racing:**

The spinnaker tack line may be led to a spinnaker tackpoint or block that is mounted on the centerline of the boat, at or forward of the headstay. The spinnaker tackpoint or block may also be tightly lashed to the forward side of the forestay tang. However, a boat may only have one spinnaker tackpoint for the duration of the race.

The spinnaker tackline may be led through an anchor roller, or a spinnaker tack block attached to this assembly or any other type of sprit assembly, providing it is on or near the centerline and is no more than 12 inches forward of the headstay, and stays attached in the same position for the duration of the race.

A spinnaker sprit pole may be used as the spinnaker tackpoint providing it is not more than 12 inches forward of the head stay when in its fully retracted position. If used, it shall remain in its **fully retracted position** at all times while attached to the spinnaker.

**Prohibited Equipment and Actions While Racing:**

Spinnaker or whisker poles shall not be attached to a spinnaker in any way. A spinnaker or whisker pole shall not exceed the length of the “J” measurement if attached to a headsail.

As mentioned above, the spinnaker shall only be attached to a single tack line that is led to a spinnaker tackpoint or block mounted on, or as near as possible, to the centerline of the boat. This tack line must lead directly from the spinnaker tack to the spinnaker tackpoint or block. Any attempt to divert this line, or the spinnaker itself, through or around an afterguy, pulpit, cleat, Turks head, bow chock, or other outrigger, before it reaches the spinnaker tack block, is not permitted.

Whether or not the spinnaker tackline is adjustable, the spinnaker tackline (length) is not limited to a specific distance above the deck.

Up to two (2) spinnakers are allowed on board during the race and assessed no penalty. A three- (3) second/mile penalty will be assessed for each additional spinnaker. A “code zero” that measures as a spinnaker counts toward the two (2)-spinnaker limit.

**Qualification for Roller Furling Genoa Credits (RFG)**, are as follows:

1. No more than three (3) headsails with an “LP” greater than 110% of “J” shall be on board during the race, (see Credits and Penalties below),
2. A “Code Zero” that measures as a Genoa counts toward the Genoa limit for boats utilizing the “RFG” credit,
3. All headsails, other than the BYC MSR storm jib, must be flown using the roller furling equipment,
4. During headsail changes, the “old” sail must be dropped to the deck prior to hoisting the “new” sail on the roller furling equipment,
5. See latest MSR regarding Storm Jibs and Mainsail Reefing Equipment,

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6. Any headsail with an LP of less than the 110% that is designed for heavy weather sailing is allowed.

**Qualification for ALL boats participating in the BYC Cruising Classes** are as follows:

*All headsails built and carried onboard, that measure less than 110% of J measurement, shall (must) be made using sailcloth material and weight, such that is considered for heavy air use, only. The use of drifter/wind seeker type, very lightweight headsails or staysails, is strictly prohibited.*

**Credits and Penalties:**

**All credits/penalties are subject to review and photographs shall be submitted with your entry. Approval for all credits/penalties is at the sole discretion of Bayview Yacht Club's - Race Committee.**

**SAILS:**

**Roller Furling Genoa (RFG) credit: +3 seconds per mile.** To qualify, a boat may only have **three** headsails with an "LP" larger than 110% of "J".

**Roller Furling Genoa (RFG) credit: +6 seconds per mile.** To qualify, a boat may have no more than **two** headsails with an "LP" larger than 110% of "J".

**Roller Furling Mainsail (RFM) credit: up to +15 seconds per mile.** To qualify for this credit a boat must have a mainsail that **furls inside of, or alongside, the mast.** If the mainsail has battens, the sail must furl with the battens in place. RF mainsails with battens must declare the batten configuration.

**Woven Polyester Main (Dacron) credit: +3 seconds per mile** is allowed for the Cruising class only.

**Woven Polyester Genoa (Dacron) credit: +3 seconds per mile** is allowed for the Cruising class only. All headsails on board must be woven Dacron to apply for this credit.

**PROPS:**

**Fixed Propeller credit (2-Blade): up to +12 seconds per mile.** To qualify for this credit a boat must have a solid bladed propeller that does not fold, feather, or be hidden in any way. **Photograph required in order to qualify.**

**Fixed Propeller credit (3-Blade): up to +24 seconds per mile.** To qualify for this credit a boat must have a solid bladed propeller that does not fold, feather, or be hidden in any way. **Photograph required in order to qualify.**

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**OTHER:**

**Open Bow Thruster credit: up to +24 seconds per mile.** To qualify for this credit a boat must have an open bow thruster that does NOT close or be hidden in any way. **Photographs required in order to qualify.**

**Below Deck Roller Furler credit** may be given to boats with a below deck furler, if an appropriately sized pennant is attached and the associated headsail sail area is commensurate with the above deck furling systems. **Photographs required in order to qualify.**

**Apply a Winged/Modified Keel Credit.** Since there is a wide variety and efficiencies of winged and/or modified keels, the boat **shall submit photographs** and other documents for the Race Committee to determine if a boat warrants a rating change.

**Consider additional Cruising Equipment and Accessories.** A credit may be given for custom cruising equipment added that negatively impacts a boats performance or racing function. This credit shall be applied for in writing.

**Electric winches** are allowed.

**Any standard or optional cruising equipment removed from the boat shall be declared** which may affect a boat's Final Race Rating.

**SPINNAKER:**

**Extended spinnaker tackpoint debit.** A penalty of 3 seconds per mile for every 5% the spinnaker tackpoint extends beyond the "J+ 12 inch" measurement. This penalty does not apply to any spinnaker tackpoint allowed by "**Allowed Equipment and Actions While Racing**" (see above).

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***PHRF Racing and Cruising Form***

All participants must comply with the DRYA, Section 15 PHRF Rules and Regulations (items 15.8 through 15.14) – see below for exceptions and clarifications.

**Please provide the following information if you are applying to race in the Cruising Division – circle Y or N, check others**

Boat Name: \_\_\_\_\_ Sail Number: \_\_\_\_\_

Owner/Charterer \_\_\_\_\_

MFG / Model \_\_\_\_\_

**Propeller Type:** Folding \_\_\_ feathering \_\_\_ fixed 2-Blade \_\_\_ fixed 3-Blade \_\_\_ 3-Bladed Feathering \_\_\_ Other \_\_\_

**Roller Furling Genoa:** (Y or N) %LP of largest Genoa \_\_\_\_\_ Number of Genoas larger than 110% \_\_\_ (1, 2 or 3)

\*\*\*\* All Dacron Sails (Y or N) One or more Composite Sails (Y or N) \*\*\*\*(i.e., Mylar, Kevlar, Pentax, etc.)

**Spinnakers:** Number of spinnakers (including code "0") \_\_\_\_\_

**Roller Furling Main:** (must furl inside of mast with battens) (Y or N)

**Keel Type:** (choose all that apply) Wing \_\_\_ Bulb \_\_\_ Fin \_\_\_ Full \_\_\_ Shoal Draft \_\_\_ Centerboard \_\_\_

**Bow Thruster:** (Y or N) **Open:** (Y or N) Dimensions: \_\_\_\_\_

**PHRF Organizing Authority:** (attach copies of all certificates) LH PHRF \_\_\_ DRYA PHRF \_\_\_ LE PHRF \_\_\_ LM PHRF \_\_\_

**Certificate:** (Y or N) Type: \_\_\_\_\_

**Detail any changes made from standard configuration including oversized sails and equipment added or removed of aggregate 50lbs+ (please use backside to include additional information)**

**Additional Information:**

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**Credits and Penalties**

**Standard Rating Consideration for Boats in the Cruising Class (in seconds/mile)**

**Credits:**

- Woven polyester Main (Dacron) +3
- Woven polyester Jib/Genoa (Dacron) +3
- Open Bow Thruster **(NOT closed or hidden)** up to + 24(**Photograph required to qualify**)
- 2-Blade Fixed Propeller Credit up to +12 (**Photograph required to qualify**)
- 3-Blade Fixed Propeller Credit up to +24 (**Photograph required to qualify**)
- One or two RF Genoa's larger than 110% +6
- Three RF Genoa's larger than 110% +3
  - In order to qualify, the roller-furling unit must meet the appropriate mfg. specifications and size (make and model)
  - Boats designed with a non-overlapping jib may qualify for a credit – at the sole discretion of the Handicap Committee. (**Photograph required to qualify**)
  - Additional credit may be given for smaller headsails (e.g. PJAMR) at the sole discretion of the Handicap Committee.
- RF Main (battens in mast) up to +15 (**Photograph required to qualify**)
- Cruising Amenities Credits at the sole discretion of the Handicap Committee.  
Any cruising disadvantage or impaired racing or functional activity will be considered (photograph and description required)

**No Credit or Penalty:**

- Position of Asymmetrical Spinnaker Tack - 12" (Max.) forward of Jib Tack. Mounting unspecified. (**Photograph required to qualify**)
- Spinnaker tack line length – unlimited – see rules for limitations
- Electric winches are allowed
- Up to two spinnakers

**Penalties:**

- Extended spinnaker tackpoint beyond 12" -3 seconds per 5%
- Additional Spinnakers -3 seconds for each additional Spinnaker beyond the allowed 2 (Cruising Class only)

**Copies Available at: <http://www.bycmack.com>**