

**TEXOMA SAILING CLUB**  
**PHRF RATING GUIDELINES**  
**(Effective 2-1-2023)**

1. Entrants will elect to sail in the following PHRF Fleets: Spinnaker, Cruising or Leisure. To qualify for the Leisure Fleet, entries are restricted to boats using in-mast furling mainsails, wing keels or where the draft/beam ratio is less than or equal to 39%.
2. For all Fleets, sail inventory or equipment declarations cannot be changed during the sailing season unless approved by the Handicap Committee.
3. PHRF Calculations: The handicap number expressed in seconds per nautical mile and its product with course rhumb line distance when deducted from the boat's elapsed time yields the corrected time. The length of the courses determined by the Race Officer will be final.
4. PHRF Handicapping: The Handicap Committee shall assign a base handicap to each boat. Their assignments shall be final. Adjustments to the base handicap will be made in accordance with paragraphs 6 and 7. The Race Captain or Race Officer may determine a Provisional Handicap, subject to ratification by the Handicap Committee.
  - a. The base PHRF handicap makes the following assumptions:
  - b. Maximum headsail size LP=155%J
  - c. Spinnaker pole not longer than J, Spinnaker maximum girth 1.8J
  - d. All spars, sail plan and hull dimensions are production standard and unmodified.
  - e. Folding (optimized) prop blades (if equipped with inboard engine) or an outboard.
  - f. Asymmetrical spinnakers cannot exceed the square footage of the allowed symmetrical spinnaker for the same boat.
  - g. Deviations from above must be declared at registration for proper handicapping. Failure to do so is grounds for protest.
5. Spinnaker boats electing to be handicapped under class rules rather than generic PHRF rules will be given a base handicap which assumes class sail sizes and class equipment configurations. Adjustments in paragraph 6 will be made in addition.
6. Spinnaker Fleet will use the following adjustments to the base PHRF number:
  - a. For headsails over 155% LP or class limit, deduct 6.
  - b. For oversized spinnaker and/or spinnaker pole, deduct 6.
  - c. For a fixed blade (non-optimized) propeller with inboard engine,
    - i. 2 Blade Fixed Propeller - add 6.
    - ii. 3 Blade Fixed Propeller – add 9.
  - d. No headsail change for the entire series, add 3.
7. Cruising and Leisure Fleets will use the following adjustments to the base PHRF number:
  - a. Maximum headsail size LP=125% for the entire season, add 6.
  - b. Use of only one size of headsail for the entire season, add 3.
  - c. In-mast furling main, add 8.
  - d. For a fixed blade (non-optimized) propeller with inboard engine,
    - i. 2 Blade Fixed Propeller - add 6.
    - ii. 3 Blade Fixed Propeller – add 9.
  - e. Whisker poles are allowed in Cruising and Leisure Classes.
    - i. Pole length less than or equal to J, no adjustment.
    - ii. Pole length exceeds J by up to 10%, deduct 3.
    - iii. Pole length exceeds J by more than 10%, deduct 6.
    - iv. No pole used, add 3.
  - f. Headsails greater than 155% and double headsails on sloop rigged boats are prohibited in the Cruising and Leisure Classes.
  - g. Staysails are allowed if the boat has a true cutter-rig and the staysail is used upwind.