

**TEXOMA SAILING CLUB**  
**PHRF RATING GUIDELINES**  
**(Effective 2-1-2025)**

1. PHRF Ratings are established by the Handicap Committee. The Committee consists of the Race Captain and two representatives each from the Cruising Fleet and the Leisure Fleet. Provisional ratings may be calculated by the Race Captain, subject to ratification by the Handicap Committee.
2. Entrants will elect to sail in the following PHRF Fleets: Cruising, Leisure or Recreational. To qualify for the Leisure Fleet, boats are restricted to boats using in-mast furling mainsails, wing keels or where the draft/beam ratio is less than or equal to 39%. Recreational Fleet is for first year racers and/or boats that do not fit the definition of Cruising or Leisure.
3. For all Fleets, sail inventory or equipment declarations are declared at the first of each year and cannot be changed during the sailing season unless approved by the Handicap Committee. Changes to boat equipment during the year shall be reported to the Race Captain. Appeals to a boat's rating should be submitted to the Race Captain for consideration by the Handicap Committee.
4. Two ratings will be given, a "Standard" rating and a "Non-Spinnaker" rating. A boat may declare use of a spinnaker on a race-by-race basis. This declaration must be made during registration and prior to the Skipper's Meeting for that race.
5. Scoring TSC uses the Time-on-Distance method to calculate Corrected Time. Corrected times are used to establish a boat's final standing in a race. Corrected Time is calculated as:

$$CT = ET - ((PHRF \times D) \div 60)$$

CT – Corrected Time

ET – Elapsed Time

PHRF – Handicap

D – Distance

6. PHRF Handicapping: The Handicap Committee shall assign a base handicap to each boat.. Adjustments to the base handicap will be made in accordance with paragraph 6c.
  - a. The base PHRF handicap is determined using the average rating from the US Sailing PHRF database ("Red, White and Blue" Book). In the absence of a rating from the "book", base ratings from other clubs may be utilized.
  - b. The base rating makes the following assumptions:
    - Maximum headsail size LP=155%J Headsails greater than 155% and double headsails on sloop rigged boats are prohibited.
    - Spinnaker maximum girth 1.8J Asymmetrical spinnakers cannot exceed the square footage of the allowed symmetrical spinnaker for the same boat.
    - Spinnaker/Whisker pole not longer than J
    - All spars, sail plan and hull dimensions are production standard and unmodified.
    - Folding (optimized) prop blades (if equipped with inboard engine) or an outboard.
    - Staysails are allowed if the boat has a true cutter-rig and the staysail is used upwind.
    - Deviations from above must be declared at registration for proper handicapping. Failure to do so is grounds for protest.

- c. The following adjustments are to be made to the base PHRF number:
- Maximum headsail size  $LP \leq 125\%$ , add 6.
  - Use of only one size of headsail for the entire season, add 3.
  - In-mast furling main, add 8.
  - For a fixed blade (non-optimized) propeller with inboard engine,
    - 2 Blade Fixed Propeller - add 6.
    - 3 Blade Fixed Propeller – add 9.
  - Spinnaker/Whisker poles
    - Pole length less than or equal to J, no adjustment.
    - Pole length exceeds J by up to 10%, deduct 3.
    - Pole length exceeds J by more than 10%, deduct 6.
    - No pole used, add 3.
  - No spinnaker, add 21