

## PHRF Wabamun Handicap Adjustments

### Base Ratings

The "base ratings" which appear in the US Sailing published lists apply to yachts for which the following "standard configuration" applies:

- (1) The spinnaker pole/whisker pole length is equal to "J"
- (2) The spinnaker maximum width is equal to 180% of "J"
- (3) The spinnaker maximum length is equal to .95 times the square root of ("I" squared + "J" squared)
- (4) The genoa "LP" maximum is equal to 155% of "J"
- (5) The yacht is in racing condition
- (6) The yacht has a folding or feathering propeller, a two bladed fixed propeller in an aperture, or a retractable outboard motor.
- (7) Hull and appendages are unmodified.

Adjustments made for deviations from standard configuration vary from Fleet to Fleet, because they are based on local racing experience.

### Declared Inventory

The following adjustments are now used, but the Handicap Committee may change these at any time. For the most current adjustments contact your respective Fleet Captain.

An owner will declare or adjust his sail inventory by submitting a hard copy of a Yacht Data Sheet to their respective Fleet Captain. A change of declaration must be submitted to their respective Fleet Captain at least seven (7) days prior to it being allowed. An owner may not change this declaration more than once during a season, and never during a regatta or race week. If no declaration has been made, the yacht is assumed to have a headsail over 170% J and a spinnaker over 200% J. The corresponding maximum penalties do much to hasten owners' declarations. An exception to this requirement is made at the first regatta entered by a newly active yacht, and always for visiting sailors attending one of our events for the first time. Here, the owner's declaration will be accepted on the regatta Entry Form.

**The following is a list of adjustments that will be made to a boat's base rating for variations to the base boat:**

Category	Adjustment
<b>Headsail Adjustment</b>	
Oversized headsail, over 170% of J	-9
Oversized headsail, up to and including 170% of J	-6
Standard headsail, up to and including 155% of J	0
Undersized headsail, up to and including 110% of J; Fractional rig	+6
Undersized headsail, up to and including 110% of J; masthead rig	+12
<b>Spinnaker Adjustments</b>	
Oversized spinnaker, 201% of J and over	-12
Oversized spinnaker, up to and including 200% of J	-6
Standard Spinnaker, up to and including 180% of J	0
No spinnaker, fractional rig	+12
No Spinnaker, mast-head rig	+18
Standard boat includes a spinnaker pole with an overall length = J. Some OD boats have poles/sprits longer than J and their handicap is calculated according to their declared SPL (Spinnaker Pole Length). Other boats where J or SPL is not standard will be subject to penalty as per 20, 28, or 29. SPL = declared Spin Pole length. If SPL exceeds J and/or SMW (Spinnaker Max Width) exceeds 1.8*J then the penalty is -6 sec/mile for every 10% excess or fraction thereof.	-6 for each 10%
Masthead rig with Asymmetrical Spinnaker if only spin on boat and if flown from the centerline at the bow.	+9
Fractional rig with Asymmetrical Spinnaker if only spin on boat and if flown from the centerline at the bow.	+6

<b>Power Related Adjustments</b>	
Inboard engine in an outboard class	+6
2 or 3 bladed fixed props on an exposed shaft	+6
2 bladed fixed props in an aperture	0
3 bladed fixed props in an aperture	+6
Removing an outboard in an outboard class	-6
Remove an inboard in an inboard class	-12
Replace an outboard with an inboard	+6
Replace an inboard with an outboard	-6
<b>Recreational Adjustment</b>	
<p>This adjustment only applies to boats with a limited sail inventory as described below:</p> <ul style="list-style-type: none"> <li>• above deck jib roller furling.</li> <li>• no laminate sail/woven material only (e.g. Dacron) sails only, and</li> <li>• no exotic sail materials (such as kevlar, spectra, technora, etc.).</li> </ul> <p>A maximum of:</p> <ul style="list-style-type: none"> <li>• One nylon spinnaker</li> <li>• One jib with LP &gt; 110%</li> <li>• One jib with LP =&lt; 110%</li> <li>• One mainsail</li> </ul> <p>Working roller furling with sail attached to swivel and above deck drum is required. If the drum is below deck, the credit will be halved. The roller furling headsail is not to be disconnected from the swivel above the drum. Boats that come with built in roller furling are not eligible for this credit. In cases where the intent of this adjustment is not honored, the credit will be denied. Special racing roller furling sails are not allowed. This same credit applies to boats racing without a spinnaker provided they declare and use sails as described above.</p>	+6
<b>Non-Spinnaker Rating</b>	
<p>PHRF - WABAMUN provides both a racing handicap and a non-spinnaker handicap for every registered boat in its fleet. The intent is to allow a vessel to enter a series or a regatta in a non-spinnaker class if one exists or in a spinnaker class by using the appropriate handicap as supplied by PHRF-WABAMUN. A vessel is not permitted to change from Spinnaker to non-spinnaker class or vice versa within a series or regatta.</p> <p>A vessel that has no spinnaker declared in its racing inventory may not fly a spinnaker in any race. A boat that has a race handicap that includes a spinnaker as well as a non-spinnaker handicap may declare its intention to the Race Organizing Committee to enter either a spinnaker class or a non-spinnaker class provided that sufficient notice is given to Race Organizing Committee as per the NOR as published by the Race Organizing Committee.</p> <p>The intent of Non-Spinnaker racing is that boats sail off the wind with the same sails they use to sail on the wind. Therefore, Non-Spinnaker Handicaps exclude such sails as spinnakers, mizzen staysails, streakers, bloopers and drifters flown from their own temporary stays. Only one headsail may be flown at a time except for brief periods during headsail changes.</p>	