



PACIFIC HANDICAP RACING FLEET OF THE NORTHWEST

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visit our web site at <http://www.phrf-nw.org>

Instructions: PLEASE PRINT. Provide 3 copies to Local Handicapper. Contact PHRF-NW office if handicapper is unknown. Make check payable to PHRF-NW. Do not mail cash. Email to phrfnw@gmail.com

Application for Rating

Sail Number	Yacht Name	Owner Name		
Address		City	State/Prov	Zip/Postal Code
Yacht Club	Phone	Email		
Manufacturer: _____	Model: _____	Designer: _____	Year: _____	
LOA [ft] _____	Beam [ft] _____	Displ* _____	Ballast* _____	
LWL[ft] _____	Draft [ft] _____	Hull Material _____	* [x 1000 lb]	

Propulsion

Inboard Propeller: Feathering Folding, or Fixed, # of blades _____

In Aperture, On Strut, Retracting, Sail Drive _____

Outboard Retracted or Immersed on both tacks HP _____

Mounting: On transom or In well

Appendages: Check closest keel and rudder types and describe differences, if any

Keel: Standard for Yacht Model Describe: _____

Modified From Standard Describe: _____

Rudder: Standard for Yacht Model Describe: _____

Modified From Standard Describe: _____

Alterations from Standard Class Boat (use separate sheet if needed) - Include any unusual configurations

Measured Dimensions (decimal feet, two decimal places)* Provide dimensions for mainsail, largest headsail and largest spinnaker

*See Measurement Instructions. Include dimensions for multiple masts in space provided. Include additional dimensions for any unusual sails.

Main:	MP _____	Headsail:	LLJ _____	Spinnaker:	SLE _____	Rig:	I _____
	ME _____		LP _____		SLU _____		ISP _____
	MGM _____				SGF _____		J _____
	MGU _____		WPL _____		SGM _____		JC _____
	HB _____				SPL/BPL _____		P _____
			<input type="checkbox"/> No Spinnaker, want NFS rating		H _____		E _____

PHRF relies on the honesty and goodwill of the owners/members to supply correct information. If you make a change to your boat or sails you are obligated to report it to your handicapper. By signing below, the owner verifies the dimensions provided are correct and complete.

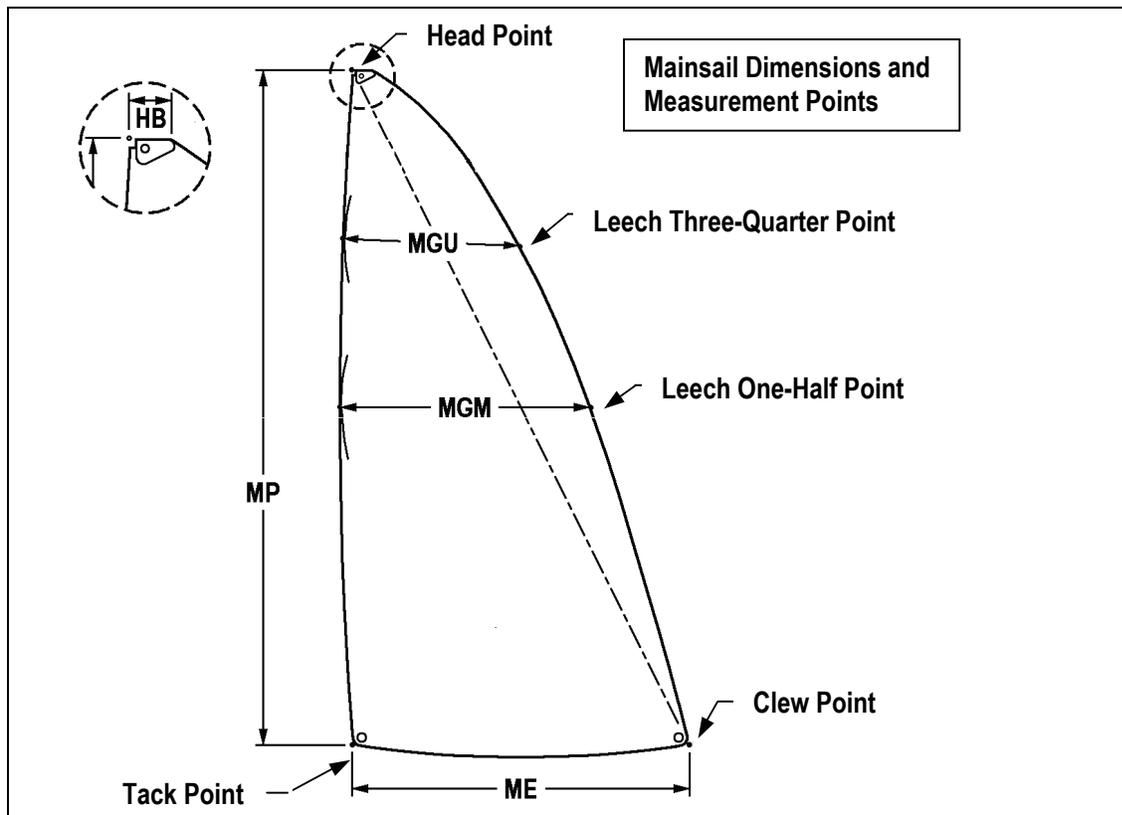
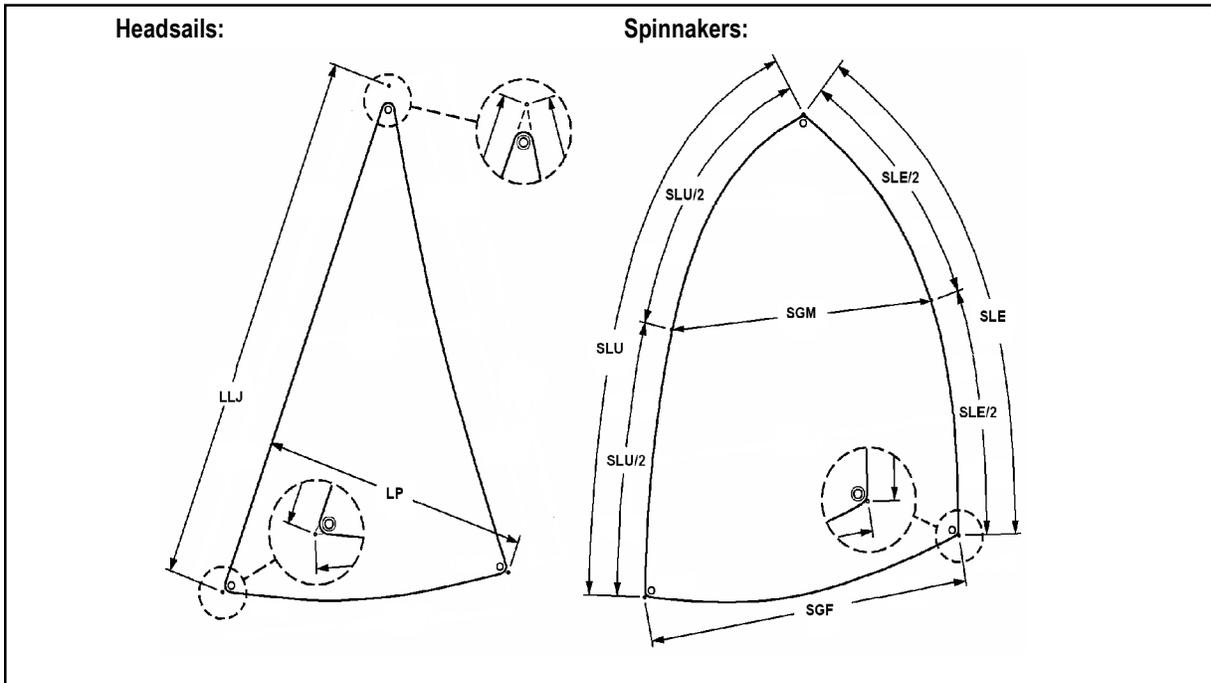
In acquiring and maintaining a membership in PHRF-NW the undersigned warrants that the information supplied is accurate and that he/she understands that PHRF-NW will express no opinion as to the safety of the vessel, but will provide an estimated speed only. See bylaws.	Signature: _____	Date: _____
	<input type="checkbox"/> New Member, Dues Attached	Former S/N _____
	<input type="checkbox"/> Changing Boats, Former Boat:	Former Yacht Name _____

For Handicapper Use (applicant not to write below this point)

STD Class	_____	Base Rating	_____	Notes:		
	Area Factor	Code	Adjustment			
Headsail	_____	_____	_____			
Spinnaker	_____	_____	_____			
Mainsail	_____	_____	_____			
Propulsion	_____	_____	_____			
Misc	_____	_____	_____			
Local	_____	_____	_____			
Ratings						
Code	As-Sailed	NFS	Local	Boat Type	Yacht Club	
Handicapper: _____				Date: _____		

PHRF-NW Standard Dimensions and Sail Measurements

SAIL DIMENSIONS:



PHRF-NW Standard Dimensions and Sail Measurements

F. RIG AND SAIL AREA TERMS AND DEFINITIONS:

- “I”** Rig foretriangle height measured along the foreside of the mast from the main deck datum to the top of the jib halyard sheave. The height of the deck used as datum for “I” measurement shall be taken as 4% of beam above the shear line abreast of the mast. For boats similar to the CAL28 and MORG27 whose cabin extends athwartships to the shear line, use the stripe along the hull which represents the shear line.
- “ISP”** AS-DESIGNED spinnaker hoist height measured vertically from the deck datum to the top of the spinnaker halyard sheave
- “J”** Rig foretriangle base measured from the foreside of the mast to point where forestay attaches to deck or bowsprit in a direction parallel to the water line.
- “JC”** AS-DESIGNED spinnaker foot rig length measured horizontally from EITHER the MSD to the tack point on the forward end of a fully extended bowsprit pole OR from the forward face of the mast to the tack point of a mast-mounted spinnaker pole in standard position. For stemhead-tacked spinnakers, JC = J.
- “P”** Measured luff length of mainsail from tack to head measuring points. This term shall be used for actual mainsail area computation in lieu of the rig “P” which is used for standard mainsail area computation.
- “E”** Measured foot length of mainsail from tack to clew measuring points. This term shall be used for actual mainsail area computation in lieu of the rig “E” which is used for standard mainsail area computation.
- “HB”** Measured headboard length from head measuring point to after top edge of headboard.
- “MGM”** Mainsail mid-girth dimension measured as the shortest distance between the leech half-point and the luff, bridging any hollows in the leech of the sail. Obtain by folding the head measuring point to the clew measuring point, applying equal and sufficient tension to the leech to produce the leech half-point, then measuring the shortest distance from the leech half-point to the forward edge of the luff bolt rope.
- “MGU”** Mainsail upper-girth dimension measured as the shortest distance between the leech three-quarter point and the luff, bridging any hollows in the leech of the sail. Obtain by folding the head measuring point to the leech half-point, applying equal and sufficient tension to the leech to produce the leech three-quarter point, then measuring the shortest distance from the leech three-quarter point to the forward edge of the luff bolt rope.
- “LLJ”** Measured luff length of headsail from tack to head measuring points.
- “LP”** Measured headsail dimension from clew measuring point to forward edge of luff in line of measurement perpendicular to luff (shortest distance between clew measuring point and luff).
- “SLU”** Measured Spinnaker Luff length from tack to head measuring points
- “SLE”** Measured Spinnaker Leach length from clew to head measuring points
- “SGM”** Measured spinnaker mid-girth (1/2 girth) length from the luff to leech mid-girth measuring points
- “SGF”** Measured spinnaker foot length from the tack to clew measuring points
- “SPL”** Spinnaker pole length as measured, when fitted on the mast and set in a horizontal position athwartships, from the forward center line face of the mast to the extreme outboard end of the pole.
- “H”** Height of spinnaker sheave above the main deck datum. Main deck datum as defined for “I” dimension. (Also referred to as “ISP”)
- “WPL”** Whisker pole length as measured from the forward center line face of the mast to center of clew grommet (or D ring) of the headsail to which the whisker pole is attached, taken in the direction of pole axis.

PHRF-NW Standard Dimensions and Sail Measurements

- “SL”** Length of a sprit plus “JC” dimension. Symmetrical spinnakers cannot be tacked to sprits.
- “ASL”** Allowable “SL”: The measurement obtained by dividing SGM by 1.50.
- “SPRIT”** A hull-mounted pole or hull extension that tacks an asymmetrical spinnaker at some distance in front of the measured “J” dimension.
- “SPINNAKER”** Any sail which, when carried in its normal position, is set forward of a boat’s foretriangle with a mid-girth equal to, or greater than, 75% of its foot girth, including such sails tacked to a stemhead fitting or such sails provided with a stemhead tackline.
- “CODE “ZERO” SPINNAKER”** A spinnaker with a mid-girth less than 75% of its foot girth.