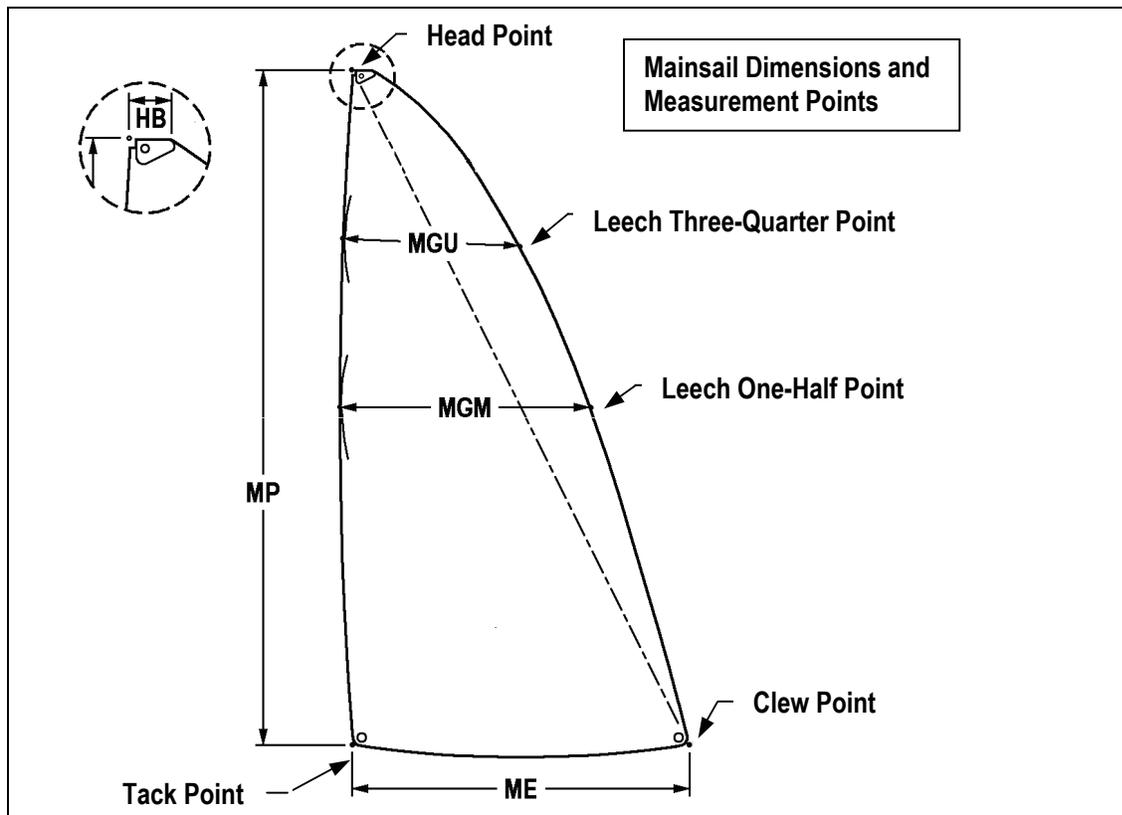
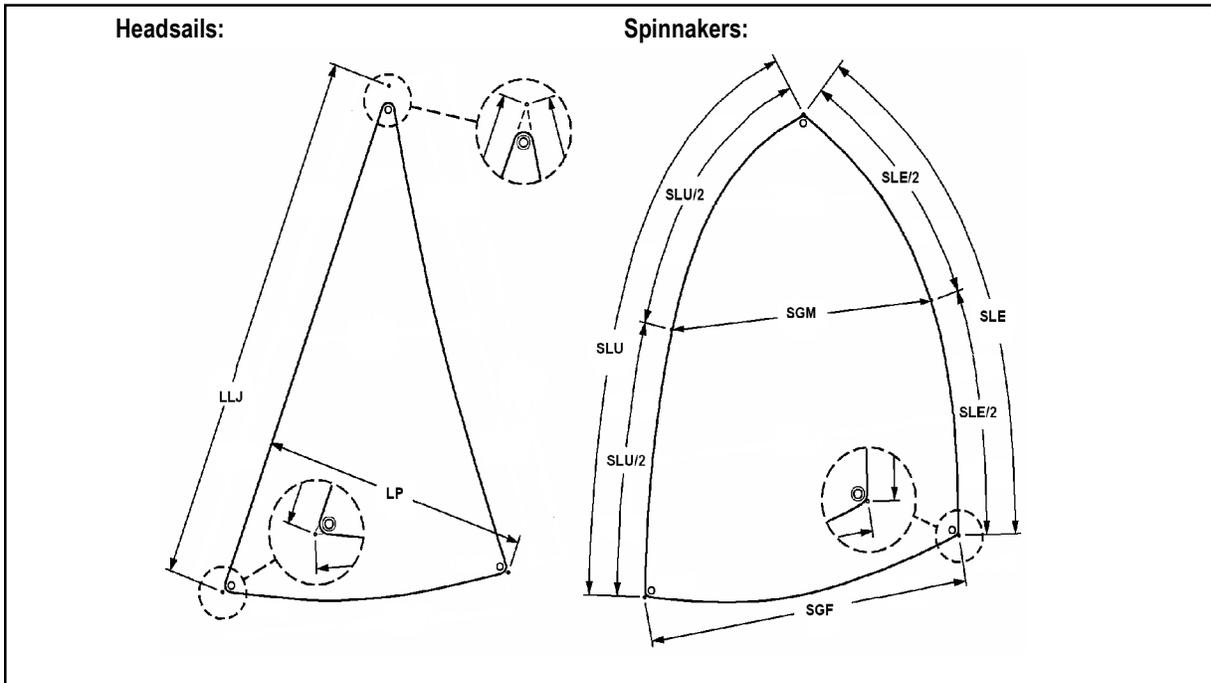


PHRF-NW Standard Dimensions and Sail Measurements

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.