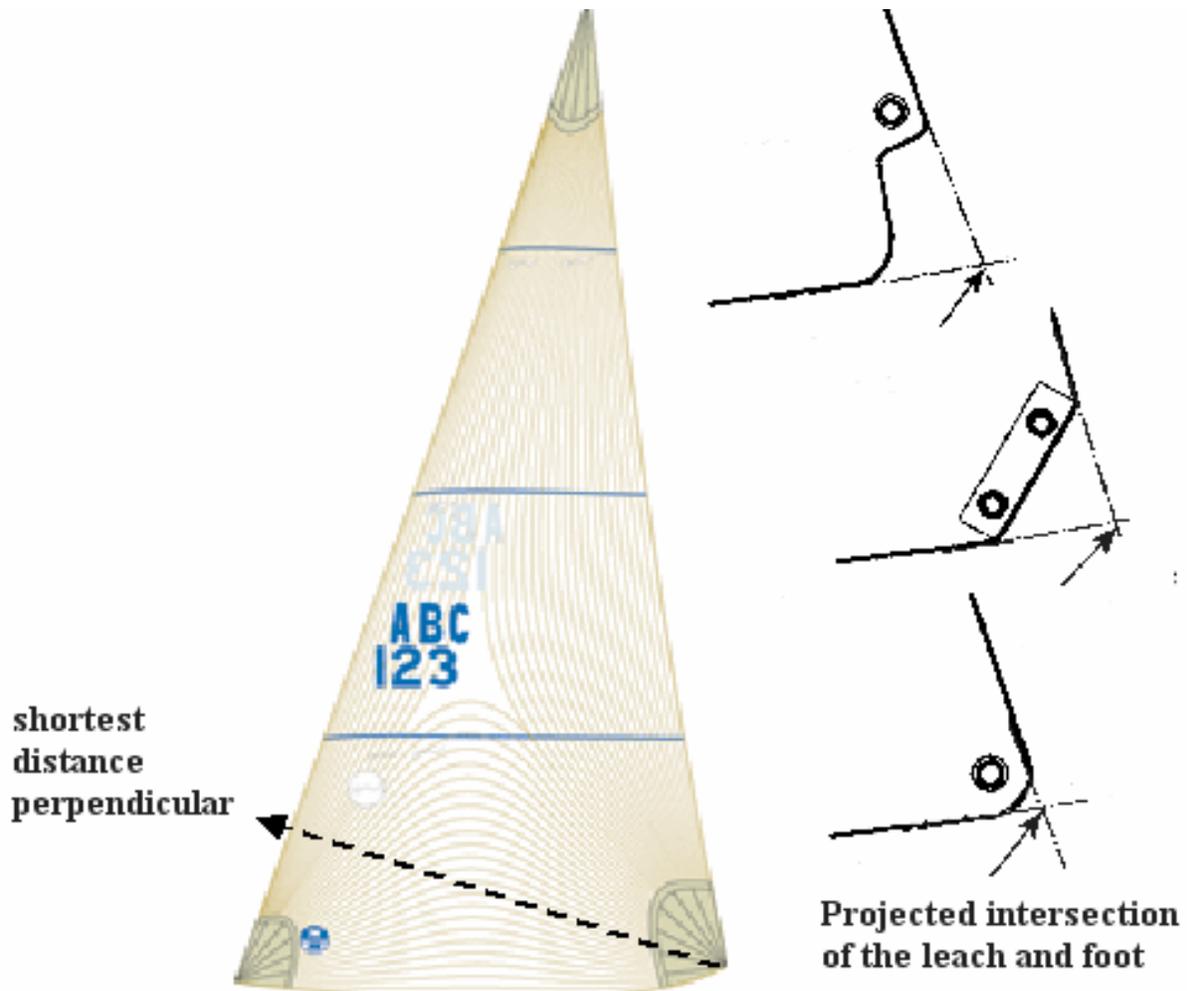


Guide to PHRF Sail Measuring

Editor's Note: These notes were originally drafted by Jan Huus, Nepean Sailing Club Handicapper, in 2016.

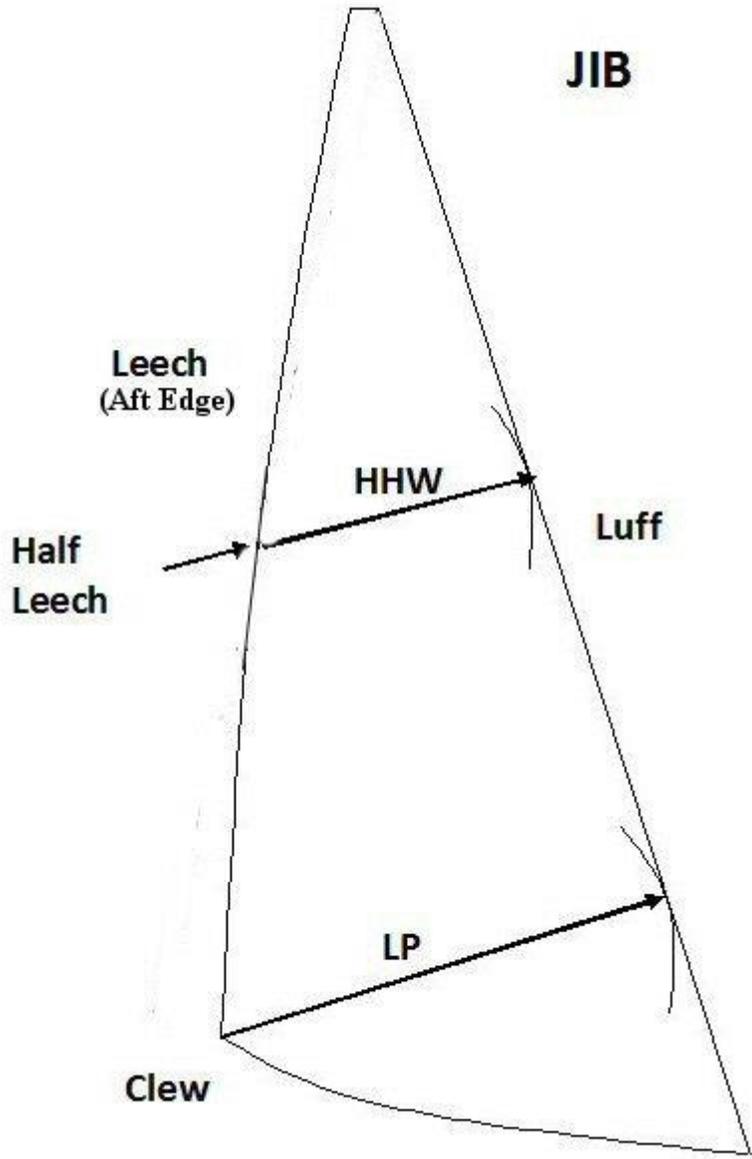
Headsails: 1 or 2 measurements are required:

LP (Longest Perpendicular) of the 'Jib' is defined as the shortest distance from the projected intersection of the leech and the foot of a jib to the luff in a direction 90 degrees to the luff.



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HHW (Headsail Half Width) is defined as the shortest distance between the half leech point and the luff. HHW is required when the jib LP is 115% or less, and includes battens.



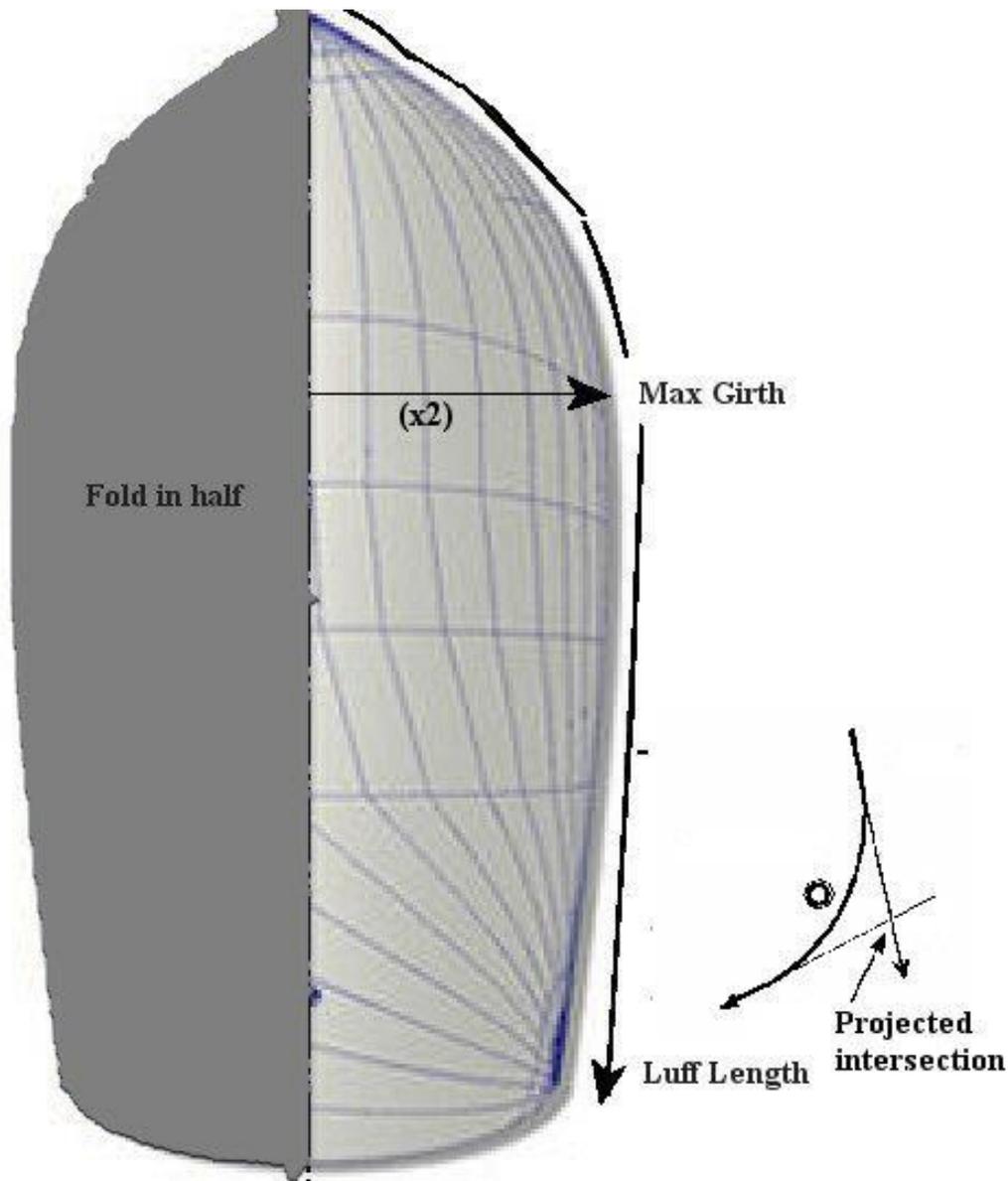
Guide to PHRF Sail Measuring

Symmetrical Spinnakers: 3 measurements are required:

Max Girth (MG): With the spinnaker folded in half, the Max Girth is two (2) times the maximum width of the sail measured from the centre fold of the sail to the luff and leach.

Luff Length (LL): shall be the distance from the projected intersection of the luff and foot with the luff line under moderate tension.

Foot (SF): is the distance from the tack to the clew measured in the shortest path on the surface of the sail



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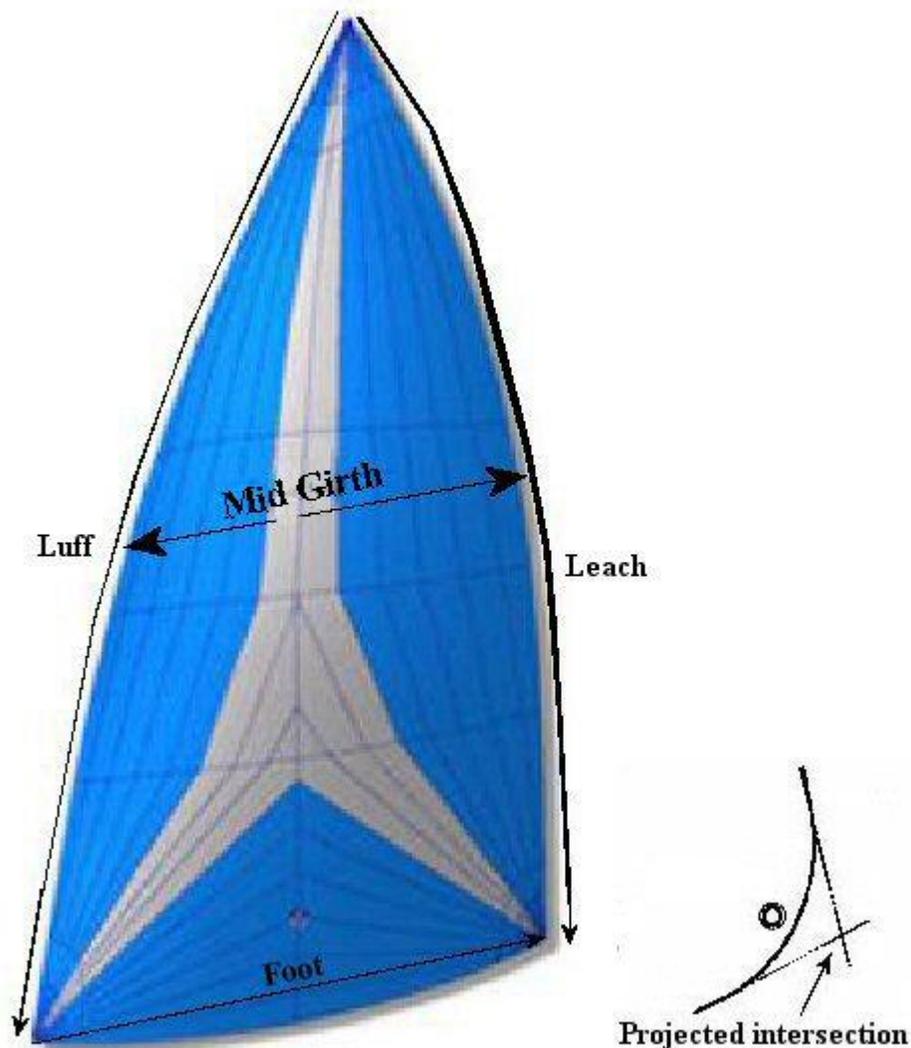
Asymmetrical Flying Sails: 4 measurements are required:

Asymmetrical Mid Girth (AMG): is measured Mid Luff to Mid Leach under moderate tension.

Luff Length (SL or LL): is the distance from the projected intersection of the luff and foot with the luff line under moderate tension.

Leach Length (LE): is the distance from the projected intersection of the leach and foot with the leach under moderate tension.

Foot: is the distance from the tack to the clew measured in the shortest path on the surface of the sail.



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Mainsails - Must be measured and reported regardless of the backstay.

4 measurements are required:

Headwidth (HW): the maximum width (or projected width) of the headboard.

Main Girth Top (MGT): the length of the girth of the mainsail taken at the $\frac{7}{8}$ point of the leech (from the clew) **to the nearest point on the luff**.

Main Girth Upper (MGU): the length of the girth of the mainsail taken at the $\frac{3}{4}$ point of the leech from the clew.

Main Girth Middle (MGM): the length of the girth of the mainsail taken at the mid-point of the leech from the clew.

