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Measurement Form

Furling type Headsail

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CUSTOMER INFORMATION

Name:

Street: Apt No:

City: State: Zip:

Phone: Phone, Cell:

E-Mail:

BOAT INFORMATION

Boat Type: Length:

Sail ID: Sail # or ISAF #: Number color:

Boat Usage

- Day sailing only Cruising Only
- Racing / Cruising Day Racing Only
- Offshore / Grand Prix

Racing Type:

- One Design Class:
- PHRF PHRF Rating:
- IRC IRC Rating :

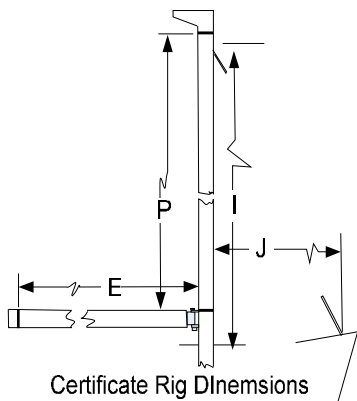
Rig Certificate values (if available)

P:

E:

I:

J:



- Boat rig:** Masthead Fractional
- UnStayed

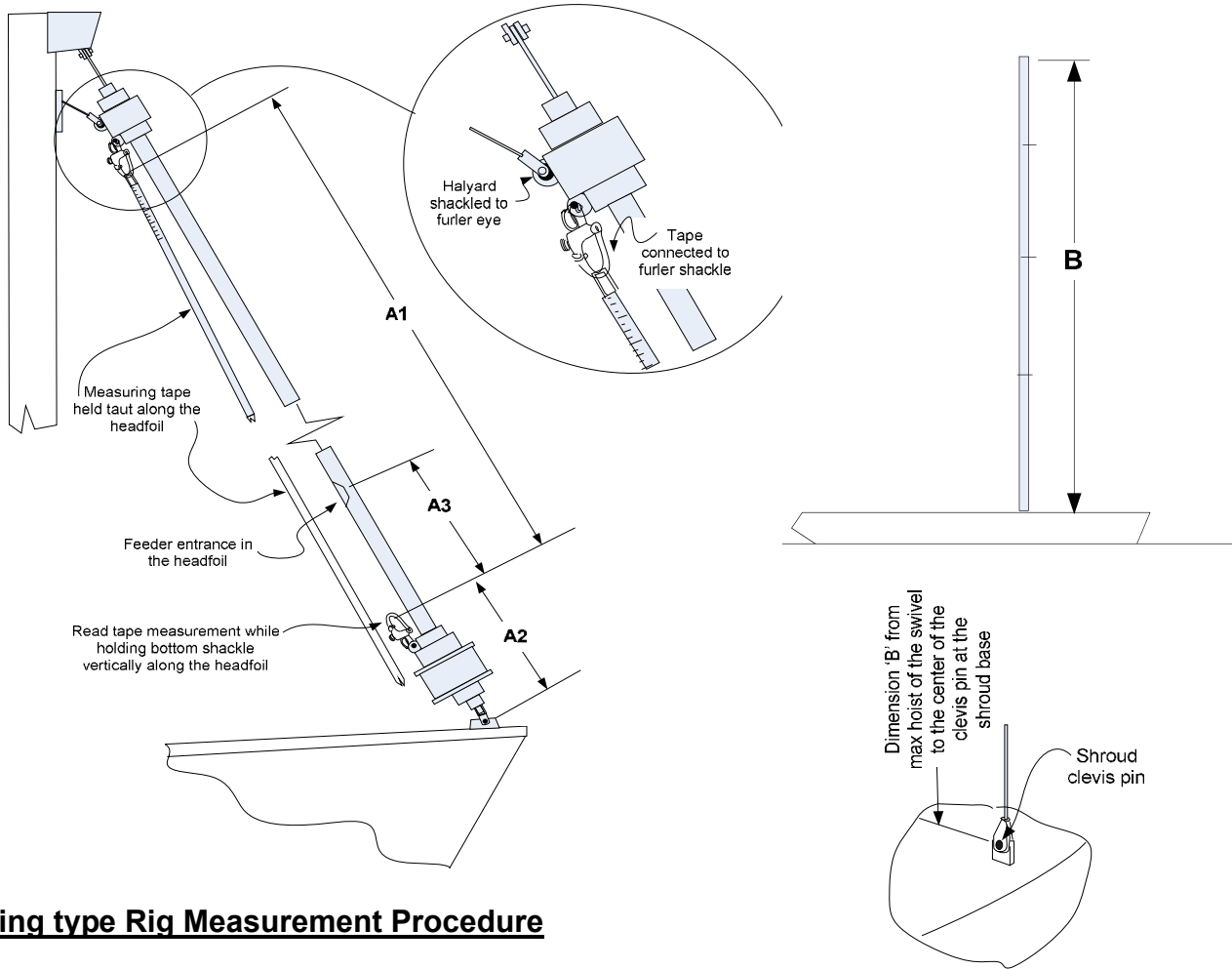
Backstay System: Turnbuckle

- Block and tackle Hydraulic

Special features: Babystay

- Running backs Checkstays

Furling type Rig Measurements



Furling type Rig Measurement Procedure

1 While the headsail halyard is connected to the upper furling swivel, attach a tape measure to the headsail shackle on the swivel and gently hoist the tape until the shackle stops at maximum hoist. (Use caution or avoid jamming the shackle into the mast sheave). Secure the halyard while measurements are being made for steps #2 thru #7.

2 The '**A1**' measurement (maximum hoist) is made by measuring down the headstay from the max hoist to the tack shackle on the furling drum. (Note: remember to hold the lower shackle vertically along the angle of the headfoil when measuring)

A1 =

3 Extend the tape past the shackle and measure the '**A2**' dimension from the shackle held vertically along the headfoil and the point where the forestay intersects the deck.

A2 =

4 The '**A3**' measurement is from the drum shackle held vertically along the headfoil and the point of the feeder opening in the headfoil.

A3 =

5 The '**B**' measurement (**mast height**) is made by using the tape measure attached to the lower shackle of the swivel as shown above, and measuring down from the full hoist of the swivel to the upper shroud pin at the deck level. Avoid any interferences with the spreaders or other parts of the rig. (Note: keep the swivel hoisted for the measurements on the following page)

B =

***** Keep Halyard Hoisted for next page

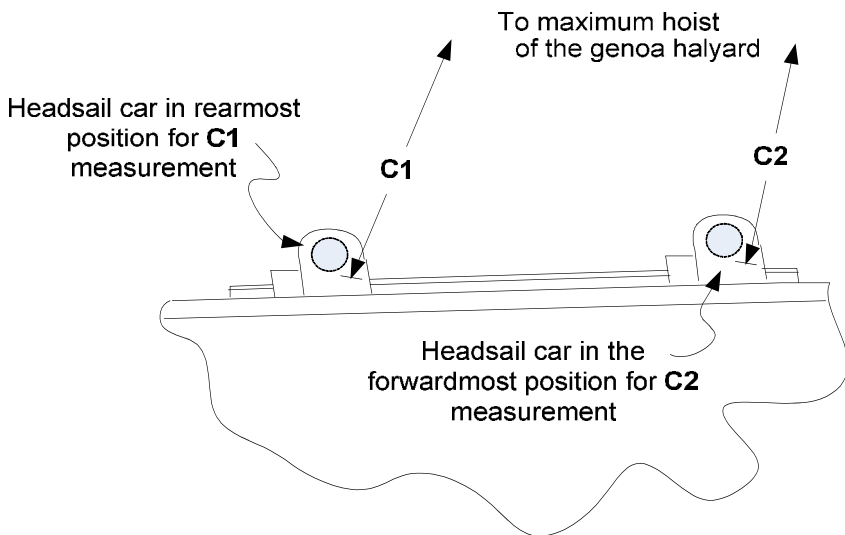
6 With the head swivel still at max hoist, the **C1** dimension is measured from the max hoist of the upper swivel to the bottom of the headsail car latched in its rearmost position.

(Note: use the Jib track if measuring for the Jib).

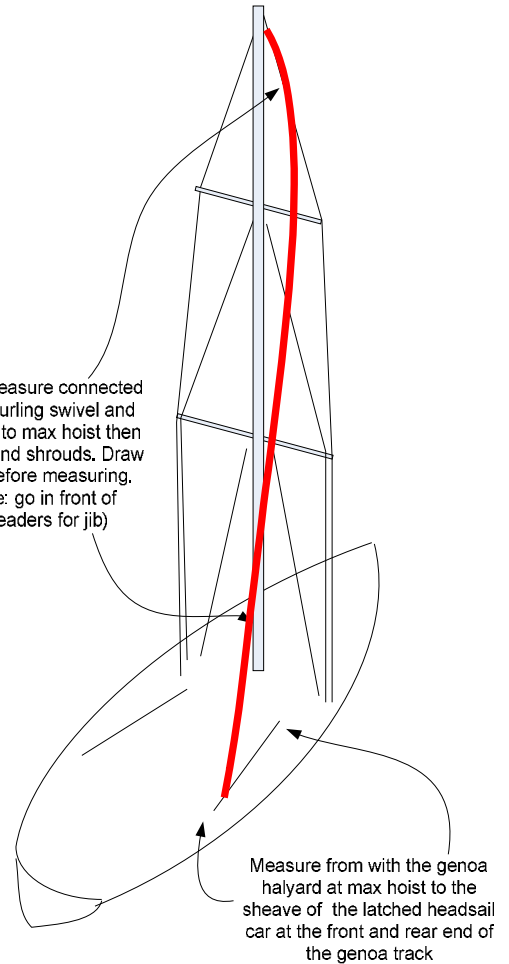
C1 =

7 The **C2** dimension is made from the max hoist point of the headsail swivel to the bottom of the headsail car latched at its most forward position.

C2 =



Tape measure connected to the furling swivel and hoisted to max hoist then led around shrouds. Draw tight before measuring. (note: go in front of spreaders for jib)

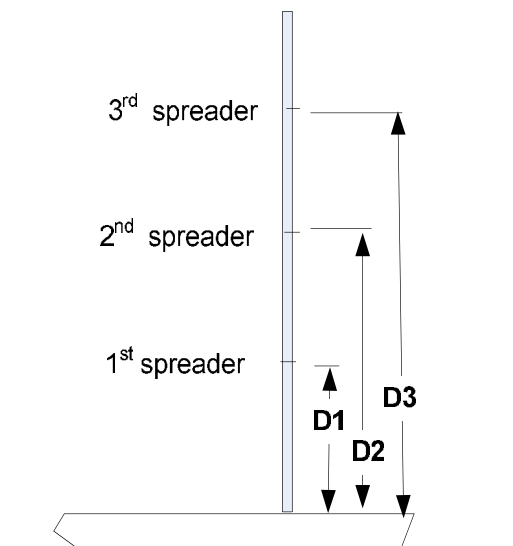


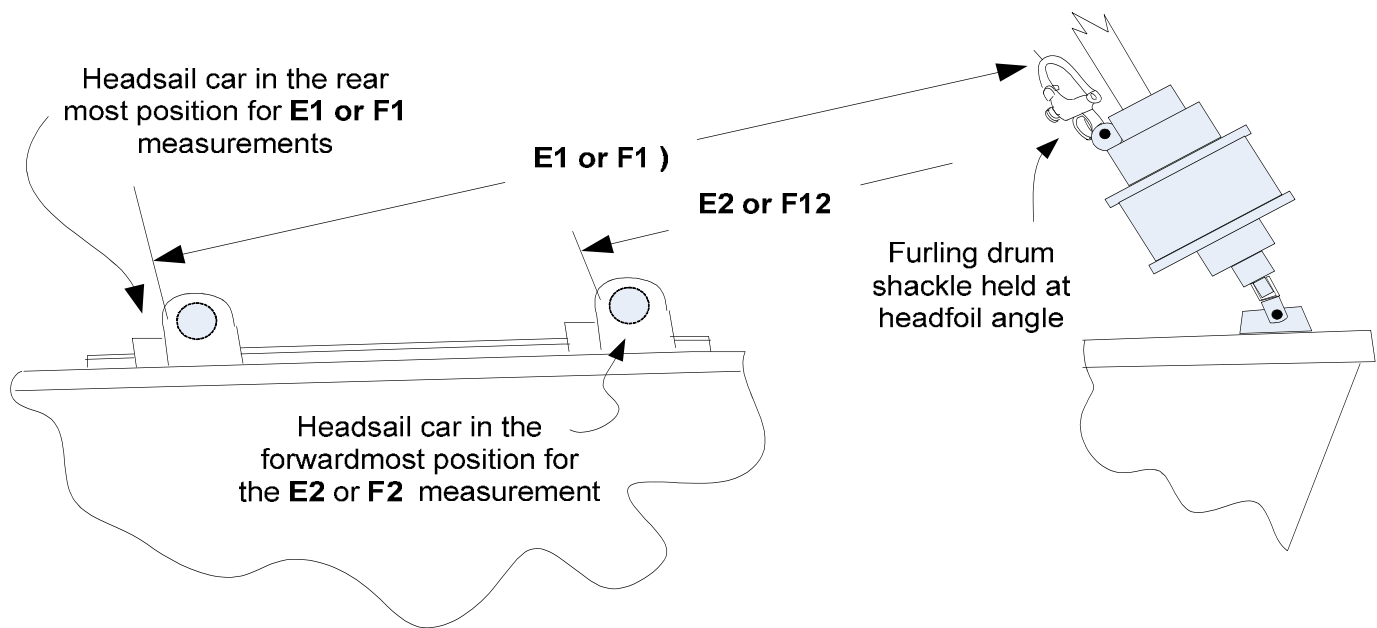
8 Lower the upper swivel and disconnect the Genoa halyard from the swivel. Attach the tape measure directly to the halyard shackle. Hoist the tape to the height of the first spreader and record the distance, 'D1' to the upper shroud pin at the deck level. Measure the remaining spreader heights **D2**, or **D3** as applicable by hoisting the tape so that it touches the spreader, then record the distance to the shroud pin as noted above. If possible it is recommended that the tape relation to the spreader is confirmed by getting off of the boat and viewing the tape end position off the boat.

D1 =

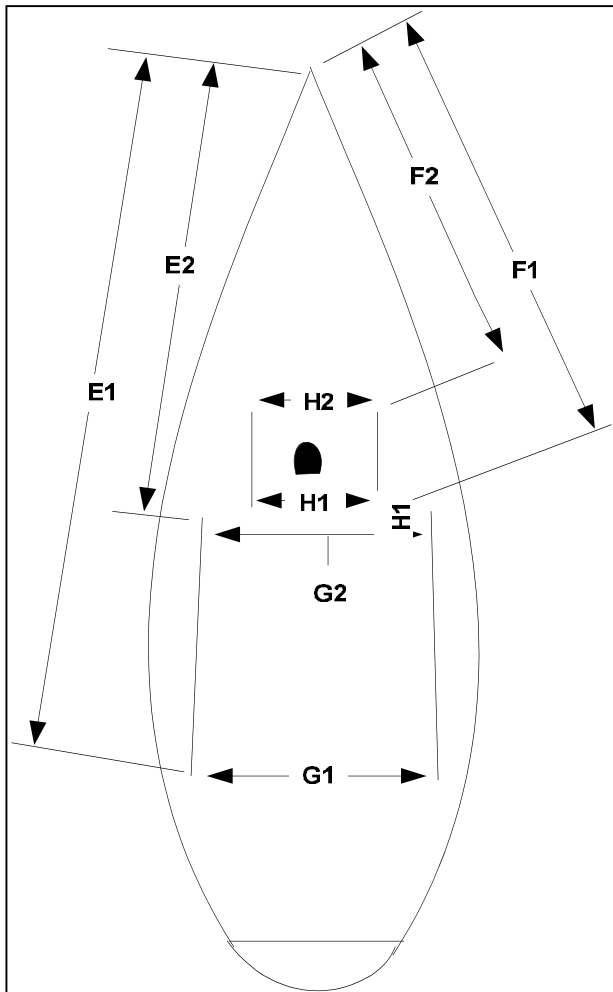
D2 =

D3 =





Headsail Track Information



- 9 The '**E1**' measurement is made from the tack point on the furling drum to the front edge of the headsail car (as shown above) when it is latched in the rearmost position on the track. Measure using as straight a line as possible (i.e. inside of shrouds)

E1 =

- 10 The '**E2**' measurement is made as the above, but to the front edge of the headsail car latched in its foremost position on the track.

E2 =

- 11 The '**F1**' and '**F2**' dimensions refer to the jib car positions, if necessary.

F1 = **F2** =

- 12 The '**G1**' and '**G2**' measurements are the after and forward width between the headsail tracks, measured at the center of the headsail car roller when latched in the after and forward positions respectively on the track. Be sure to avoid any deck structures that will affect the measurement.

G1 = **G2** =

- 13 The **H1** and **H2** are dimensions that refer to the jib tracks, if necessary.

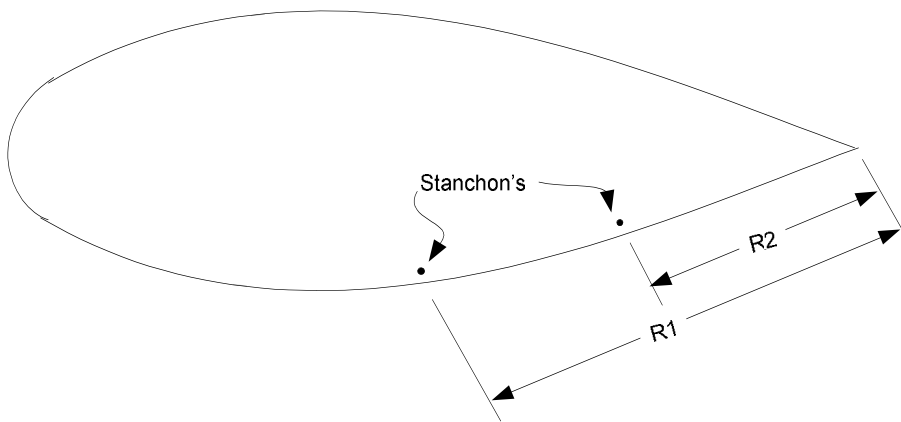
H1 = **H2** =

Furling unit make/model:

Inside diameter of foil groove:

OR

Using the existing sail, measure the diameter of the luff tape (metric preferred):
(Note: use a precision caliper)



Stanchion R₁;	Distance from tack:	<input type="text"/>	Height:	<input type="text"/>
Stanchion R₂;	Distance from tack:	<input type="text"/>	Height:	<input type="text"/>

UV Shield information

14 When looking down on the furling drum, note the direction of rotation when the furling line is being pulled. For clockwise rotation the UV cover should be on the Port side of the sail. For counter-clockwise rotation the cover should be on the Starboard side of the sail.

UV Cover Side of sail:

<input type="checkbox"/>	Starboard side
<input type="checkbox"/>	Port side