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# Measurement Form

## Racing type Headsail

[www.haarsticksailmakers.com](http://www.haarsticksailmakers.com)

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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 racing only       Racing / Cruising

Offshore / Grand Prix       Cruising Only

Daysailing Only

#### Racing Type:

One Design      Class:

PHRF      PHRF Rating:

IRC      IRC Rating :

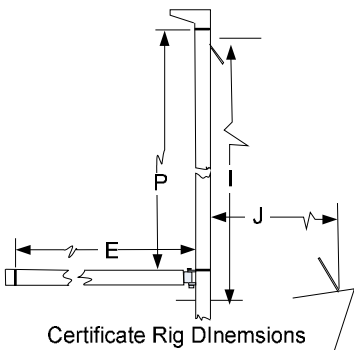
#### Rig Certificate values (if available)

P:

E:

I:

J:



**Boat rig:**  Masthead       Fractional

UnStayed

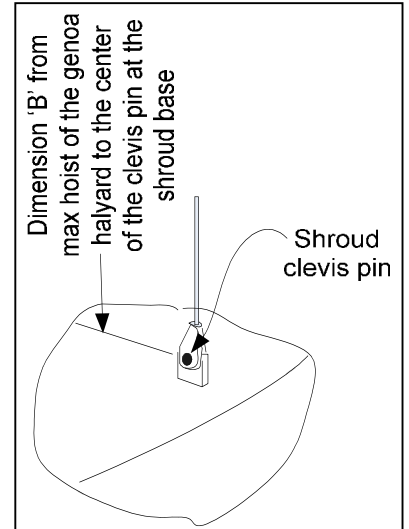
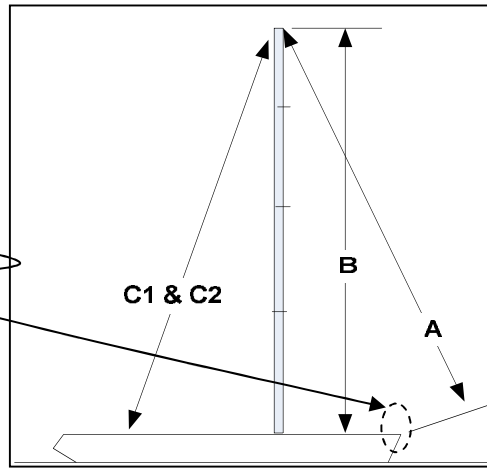
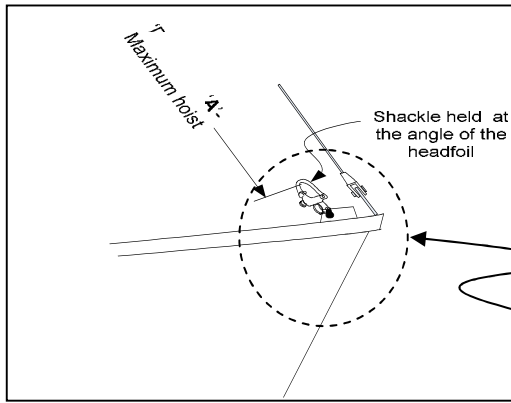
#### Backstay System: Turnbuckle

Block and tackle       Hydraulic

#### Special freatures: Babystay

Running backs       Checkstays

# Rig Measurements



## Racing Rig Measurement Procedure

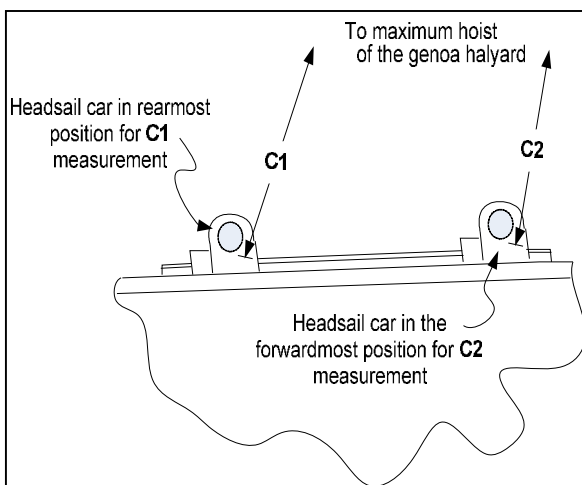
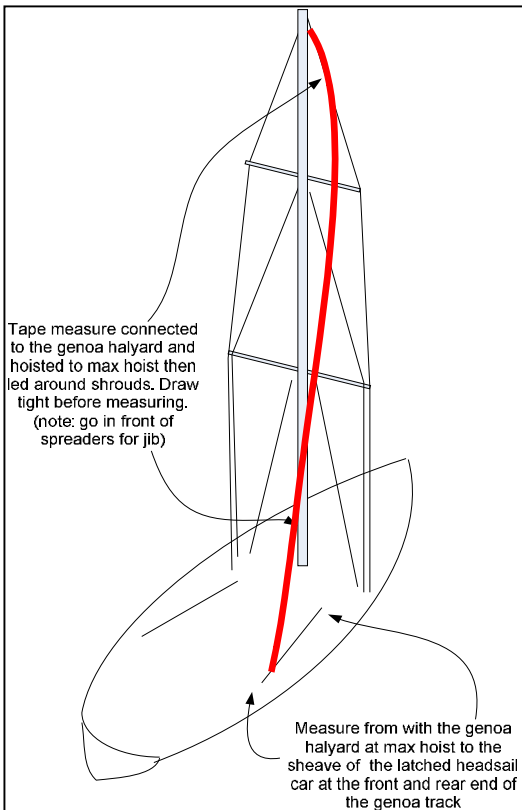
- 1 Attach a measuring tape to the Genoa halyard shackle and fully hoist the tape until the shackle stops at maximum hoist. Use caution to avoid jamming the shackle into the mast sheave. Secure (cleat) while the following measurements are being made.
- 2 The 'A' measurement (**maximum hoist**) is made by measuring down the headstay to the tack bearing point. If this is a shackle hold it along the forestay when measuring. **A =**
- 3 The 'B' measurement (**mast height**) is made by measuring down from the full hoist to the upper shroud pin at the deck level. Avoid any interference with the spreaders or other parts of the rig. **B =**
- 4 The **C1** dimension is made from the halyard max hoist point to the bottom of the headsail car in its rearmost position.

**C1 =**

- 5 The **C2** dimension is made from the max hoist point of the halyard to the bottom of the headsail car in its most forward position.

**C2 =**

\*\*\*\* Don't lower the halyard yet. See next page. "D" measurements



### NOTE:

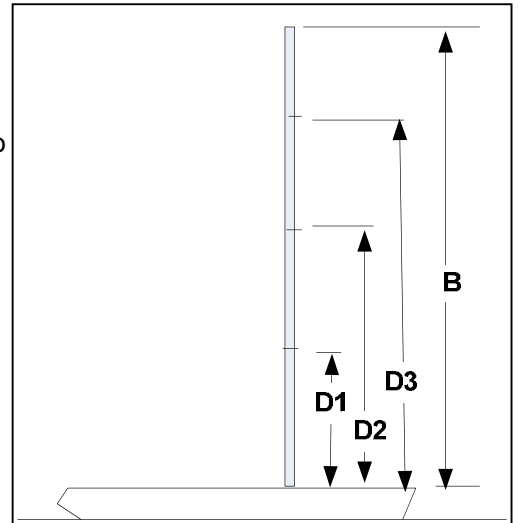
If the front of the genoa track is at or forward of the shrouds, measure the maximum leech distance, **C1**, with the tape in front of the shrouds (i.e. don't wrap it around the shrouds).

6 The spreader heights, **D1**, **D2**, and **D3** if applicable, are measured by lowering the headsail halyard until the shackle with tape measure touches the spreader in question. Read the distance from the spreader to the upper shroud pin at the deck. If possible it is recommended that the tape end relation to the spreader is confirmed by getting off the boat and viewing the shackle's position from a point off the boat.

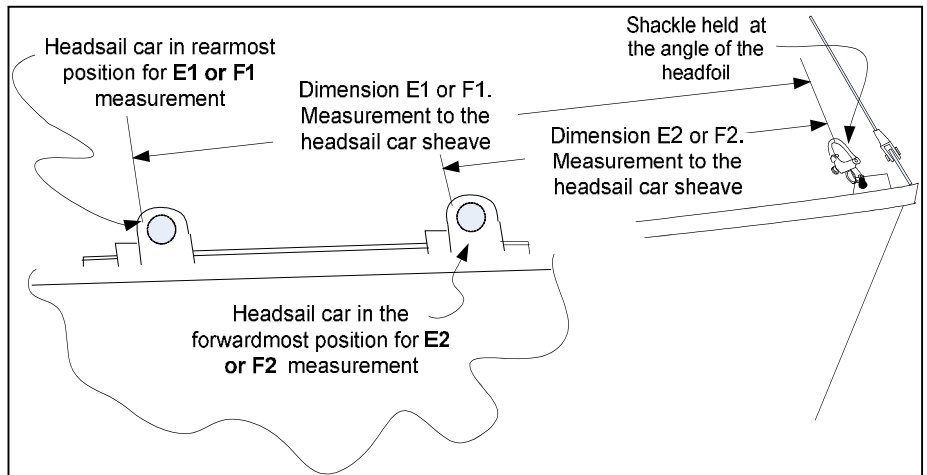
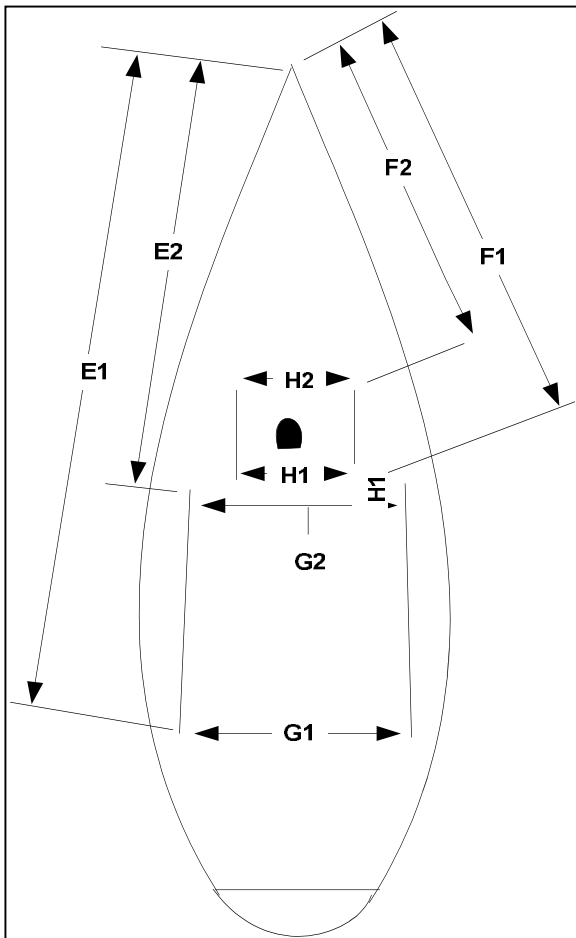
D1 =

D2 =

D3 =



### Headsail Track Information



7 The '**E1**' measurement is made from the tack point to the front edge of the headsail car in its forward most position on the track **E1** =

8 The '**E2**' measurement is made from the tack point to the front edge of the headsail car in its rearmost position on the track. **E2** =

9 The '**F1**' and '**F2**' dimensions refer to the jib car positions.

**F1** =       **F2** =

10 The '**G1**' and '**G2**' measurements are the forward and after width between the headsail tracks, measured at the center of the headsail car sheave when latched in the front and rear positions, on the track respectively

**G1** =       **G2** =

11 The '**H1**' and '**H2**' dimensions refers to the jib track width.

**H1** =       **H2** =

**Headsail Tack Information**

Snap Shackle

Hook

Bail

Tack Bearing Surface Aft of Forestay

Tack Bearing Surface up from Deck

**Headsail Luff Information**

Luff Tape

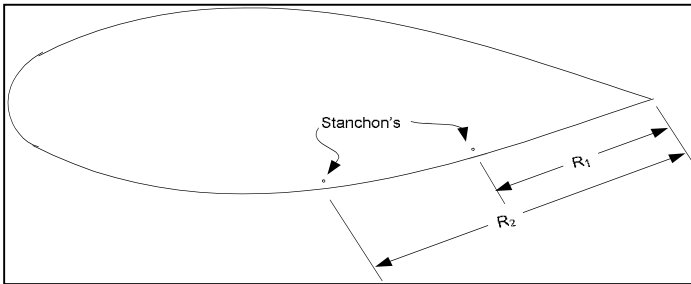
Hanks

Luff Tape Feeder Entrance up from Tack

Headfoil Make / model

Existing Luff Rope diameter:  
(Use precision caliper)

{ie. 5mm (#6m) , 6mm (#7m or #7H),... }



**Stanchion R<sub>1</sub>;**

Distance from tack

Height

**Stanchion R<sub>2</sub>;**

Distance from tack

Height