SAIL MEASUREMENTS FOR:

Name	*Name of Measurer*	*Date Measured*
Address		*Phone:*
City, State, Zip		*E-Mail:*
Manufacturer	*Model*	*Year*
Boat Name	*Sail Number*	*Number Color*

The following measurements can be found on your boat's sail plan, rating certificate or in its specifications. If your boat has a rating certificate, please send us a photocopy.

I: _____ **J:** _____ **LL:** _____ **P:** _____ **E:** _____ **LP:** _____

Measurement Notes:

1. **DO NOT** measure your old sails. Sails stretch and distort over the years. However, do include any unique details that pertain to the fit of your old sails to your boat. i.e. corner hardware or spreader patch position. The blank spaces can be used for notes.
2. Make sure to use a steel or fibreglass reinforced measuring tape. Attach a separate 'pull down' or retrieval line on your halyard before hoisting. **DO NOT rely on the measuring tape to pull the halyard down.**

BELOW CIRCLE WHICHEVER APPLIES

BOAT IS: Full Race Racer/Cruiser Cruiser

HANDICAP RULES RACED UNDER: One-Design IRC PHRF MORC

BOAT'S RIG IS: Masthead Fractional Unstayed

RIG HAS: Running Backstays Babystay

BACKSTAY TENSION SYSTEM IS: Turnbuckle Block & Tackle Hydraulic

STEP 1: MAIN SAIL MEASUREMENTS

Chain-Plates Distance (M) _____ (CP 1)

D1 Chain-Plates Distance (M) _____

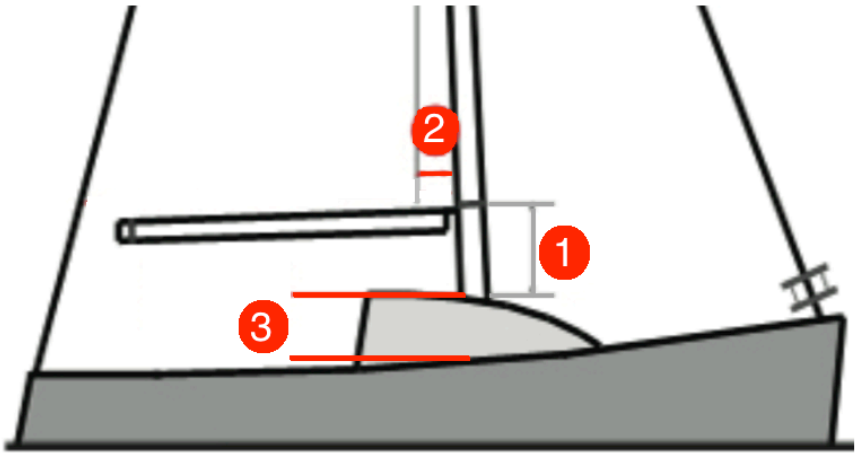
Chain-Plates Position (M) _____ (CP 2)
(Ref Back of Mast)
D1 Chain-Plates Position (M) _____

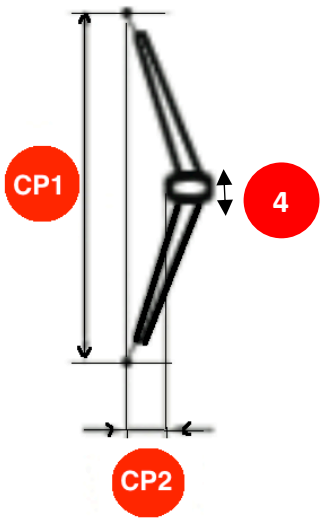
Main sail Tack to Roof _____ (1)

Rake _____ (2)

Roof to Deck _____ (3)

Mast Width _____ (4)





MORE MAINSAIL MEASUREMENTS

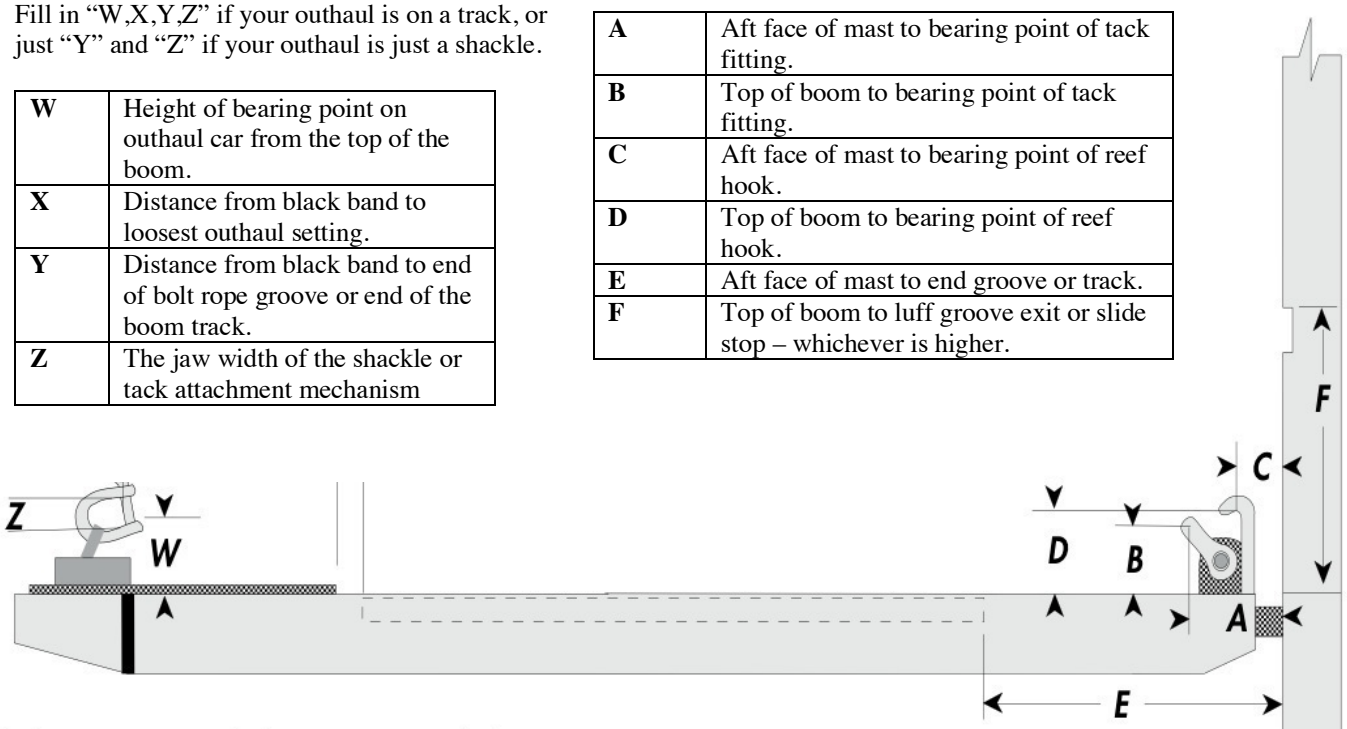
P:_____ **Max Hoist :**_____ **Deck:** _____

E: _____ **Max E:** _____ **Backstay:** _____ **Max Leech** _____

Fill in "W,X,Y,Z" if your outhaul is on a track, or just "Y" and "Z" if your outhaul is just a shackle.

W	Height of bearing point on outhaul car from the top of the boom.
X	Distance from black band to loosest outhaul setting.
Y	Distance from black band to end of bolt rope groove or end of the boom track.
Z	The jaw width of the shackle or tack attachment mechanism

A	Aft face of mast to bearing point of tack fitting.
B	Top of boom to bearing point of tack fitting.
C	Aft face of mast to bearing point of reef hook.
D	Top of boom to bearing point of reef hook.
E	Aft face of mast to end groove or track.
F	Top of boom to luff groove exit or slide stop – whichever is higher.



☐ *Clew Slug* ☐ *Outhaul Car* ☐ *Velcro Strap (Boom Circumference Needed)* _____

P:	Top black band on the bast to the black band on the boom.
P Max:	Max hoist on the mast to the black band on the boom.
Deck:	Max hoist to the deck.
E:	Aft face on the mast to the black band on the boom.
Backstay:	Aft face of the mast to the backstay.
Leech:	Max hoist to the end of the black band on the boom
Furling Main	
Mast Gap:	
Battens:	
Tack Loop Size:	
Luff Groove Size:	
Clew Block Size:	
Mainsail	
Battens:	
Slides:	
Type:	
Reefs:	
Single Line Reef Height 1:	
Single Line Reef Height 2:	
Single Line Reef Height 3:	
Crane Height:	

FOOT AND LUFF SLIDES

Slug or Bolt Rope

Circle one Slug or Rope Diameter

1/4"
5/16"
3/8"
7/16"
1/2"

Groove Width:

☐ *Mast* ☐ *Boom*

External Slide

Track Width Circle one

5/8"
7/8"
1"

☐ *Mast* ☐ *Boom*

INTERNAL SLIDE

Slide Width: Circle one

5/8"
3/4"
7/8"
15/16"

B
C
A

A:

B:

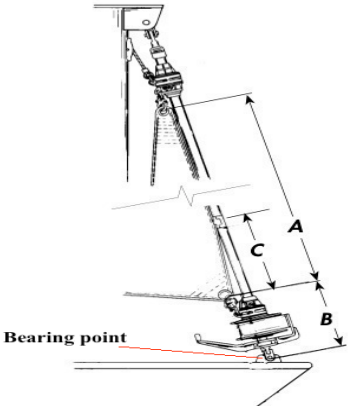
C:

☐ *Mast* ☐ *Boom*

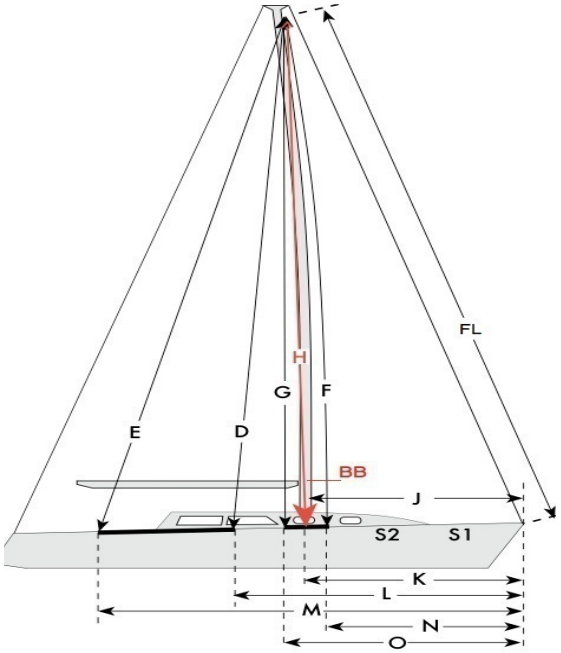
NOTES

HEADSAIL MEASUREMENTS

I: _____ **J:** _____ **Roller Furling Cover Side:** _____



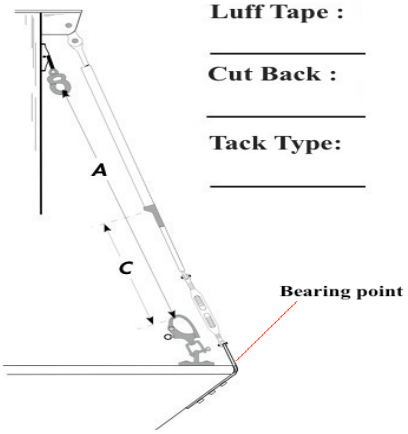
Maximum Luff Roller Furlers
When furling system installed, measure the maximum luff by attaching a tape measure to lower shackle of the halyard swivel. Next, raise swivel as high as possible and measure to the tack shackle on the top of the furling unit's drum.



Luff Tape : _____

Cut Back : _____

Tack Type: _____



Maximum Luff No Furler
Measure the max luff by attaching a tape measure to the GENOA halyard as high as it will go. Measure to the bearing point on the tack fitting.

TENSION THE BACKSTAY TO AVERAGE UPWIND SETTINGS BEFORE TAKING MEASUREMENTS.

A:	A: Maximum Luff. Measured between the head swivel of the furler and the take of the furler.
B:	B: Forestay tack pin to the tack shackle on the furling drum.
C:	C: Bearing point of the tack shackle to the feeder on the headstay foil or prefeeder.
Hoist the genoa halyard to the max and take the following measurements: **not including the furling unit**:	
FL:	FL: Maximum hoist on the genoa halyard to the bow.
Tack:	Tack: Maximum hoist on the genoa halyard to the tack of the furler.
BB:	BB: Maximum hoist on the genoa halyard to the black band on the mast or top of the boom.
Cabin:	Cabin: Maximum hoist on the genoa halyard to the cabin top.
D:	D: Forward end of the genoa track, making sure the tape passes around the shrouds if it were the leech of the sail. Pull tight when measuring.
E:	E: Aft end of the genoa tack: use above procedure.
F:	F: To the forward end of the No. 3 track.
G:	G: Aft end of the No. 3 track.
H & I:	H: To the chainplate or base of the shrouds. H and I are the same.
Y:	Y: Max Leech with the inhauler on
SP1:	SP1: Spreader 1 to the deck.
SP2:	SP2: Spreader 2 to the deck
Take the following measurements along the deck from the bearing point of the forestay on the bow:	
J:	J: To the front of the mast.
K:	K: To the base of the shrouds.
L:	L: To the bearing point of the genoa car at the forward end of the genoa track.
M:	M: To the bearing point of the genoa car at the aft end of the genoa track.
N:	N: To the bearing point of the genoa car at the forward end of the No. 3 track (if separate).
O:	O: To the bearing point of the genoa car at the aft end of the No. 3 track (if separate).
X:	X: Max foot with the inhauler on.
SH:	SH: Stanchion height.
S:	S1: To the stanchions
P:	P: To the spinnaker block.
Q:	Q: To the guy block or tweeker
GCO:	GCO: Genoa car out.
Hoist the spinnaker halyard to the max and take the following measurements:	
SPFL:	SPFL: Max hoist to the forestay bearing point on the bow.
SPI:	SPI: Max hoist to the base of the shrouds.
SPB:	SPB: Max hoist to the spinnaker block on the stern.
SPBS:	SPBS: Max hoist to the end of the bow sprit.