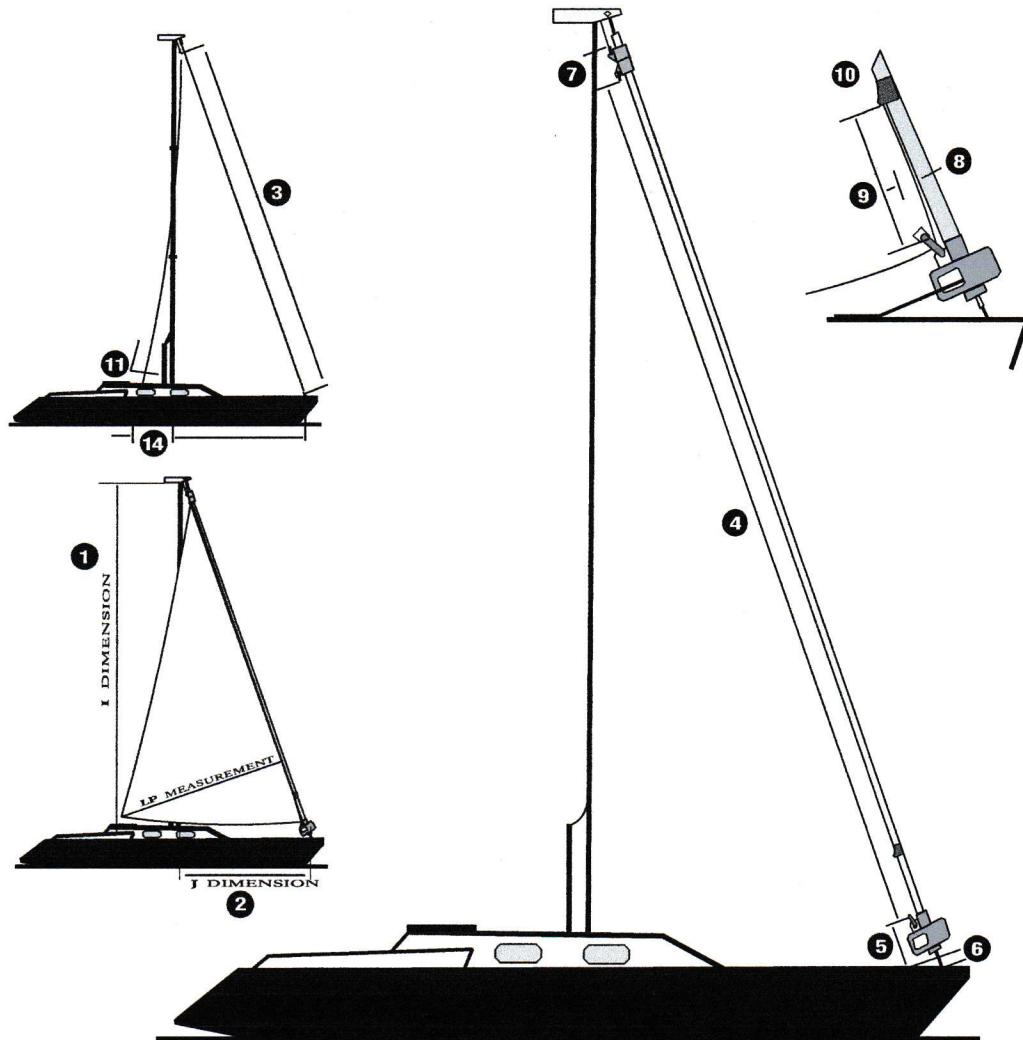


# Headsail Measurement Sheet

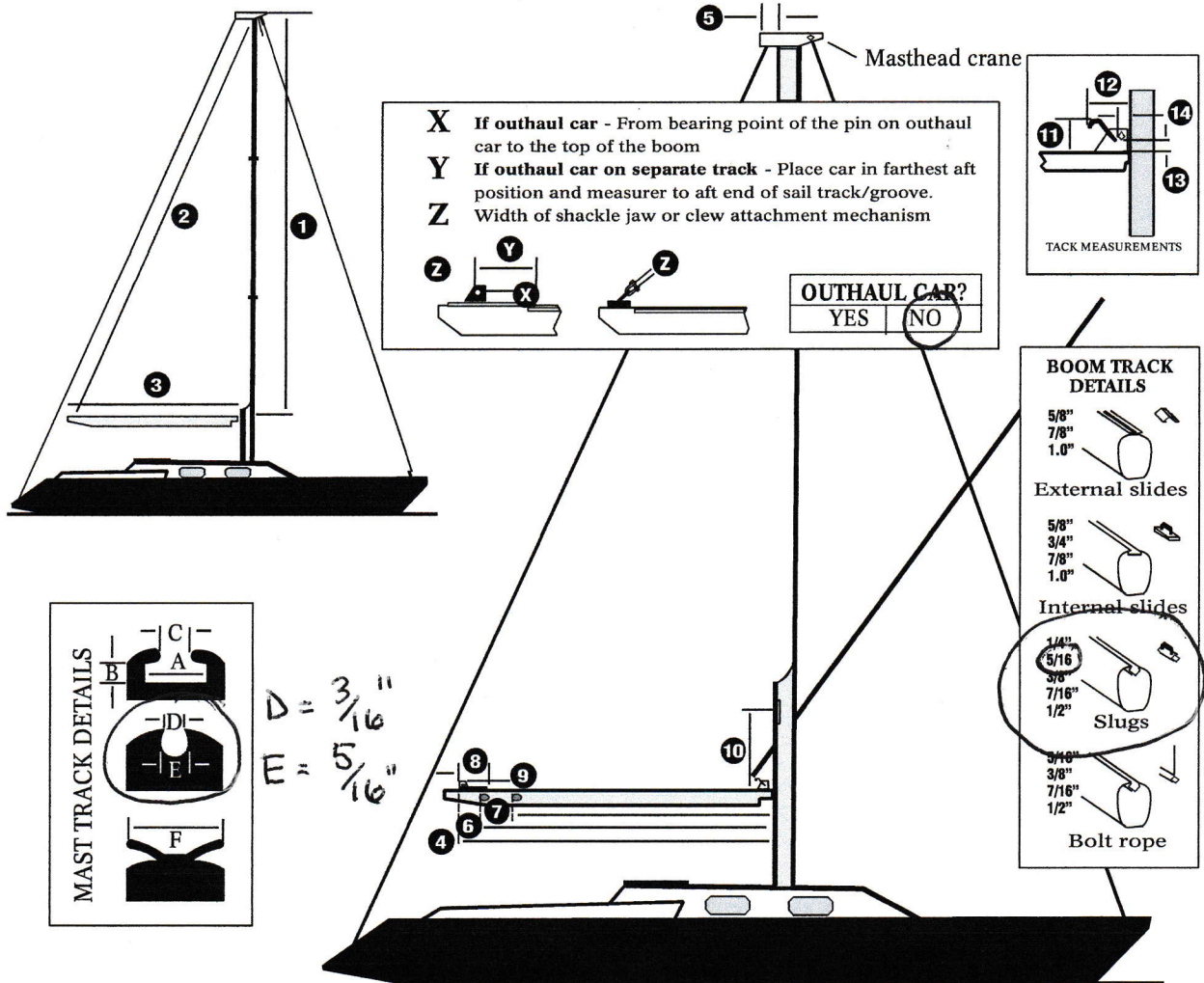


MEASURING TIPS. CHOOSE A CALM DAY IF POSSIBLE. STRETCH YOUR TAPE MEASURE AS TIGHT AS YOU CAN AND TAKE THE MEASUREMENT. IF NECESSARY MEASURE A FEW TIMES AND SEND US THE AVERAGE. DO NOT ALLOW FOR STRETCH, WE'LL DO THAT.

1	I DIMENSION	measure from the intersection of the forestay and the mast down to the deck	25' 6"
2	J DIMENSION	measure from the forestay attachment point at the deck to the front of the mast	6' 10"
3	MAX LUFF (no furling)	measure from the halyard attachment to the bearing surface of the tack attachment (for hanks)	N/A
4	MAX LUFF (for furling)	measure from the bearing surface of the swivel shackle, to the bearing surface of the drum shackle	24' 0"
5	DRUM HEIGHT	measure from the bearing surface of the shackle to the center of the forestay pin	5"
6	FORESTAY PIN	measure from the center of the forestay pin to the deck	5"
7	FURLING SWIVEL	measure from the bearing surface of the halyard attachment to the bearing surface of the sail attachment	5"
8	TACK SETBACK	measure from the back side of the foil to the bearing surface of the tack shackle	1"
9	FEEDER HEIGHT	measure from the headsail tack attachment point to the bottom of the feeder	10 1/2"
10	LUFF TAPE SIZE	what kind of furling unit do you have, or do you have hanks?	#5 (SEE NOTES)
11	CLEW HEIGHT	what is your preferred clew height (low at lifeline height, or higher near boom height?)	HIGHER
12	TRACK POSITION	measure from the forestay attachment point at the deck to the front of the Genoa track	9' 3"
13	TRACK POSITION	measure from the swivel shackle (or halyard for hank-on) to the front of the Genoa track*	9' 9"
14	TRACK LENGTH	measure the length of your track	36"
15	TRACK POSITION	measure from the centerline of the boat to the track	3' 7"
	MISC DETAILS	what color sunshield do you want? Which side of the sail do you want it on?	

\* pass the tape around the outside of the shrouds as the leech of the sail would.

# Mainsail Measurement Sheet



MEASURING TIPS. CHOOSE A CALM DAY IF POSSIBLE. STRETCH YOUR TAPE MEASURE AS TIGHT AS YOU CAN AND TAKE THE MEASUREMENT. IF NECESSARY MEASURE A FEW TIMES AND SEND US THE AVERAGE. DO NOT ALLOW FOR STRETCH, WE'LL DO THAT.

- |    |               |   |                        |
|----|---------------|---|------------------------|
| 1  | P DIMENSION   | (max luff) hoist the halyard until it stops (to the sheave) – measure from that point to the top of the boom. | <u>23' 3"</u>          |
| 2  | MAX LEECH     | with the halyard at max hoist, measure to the top of the boom outhaul car*                                    | <u>24' 5"</u>          |
| 3  | BACKSTAY      | with the boom horizontal, measure from the back of the mast to the backstay                                   | <u>10' 10"</u>         |
| 4  | E DIMENSION   | (max foot) measure from the back of the mast to the clew attachment at its furthest aft location              | <u>8' 8"</u>           |
| 5  | MAST CRANE    | estimate the length of your mast crane – back of mast to end of crane   | <u>3"</u>              |
| 6  | REEF SHEAVE   | measure from the back of the mast to the bearing surface of your first reef sheave**                          | <u>(SEE NOTES) N/A</u> |
| 7  | REEF SHEAVE   | measure from the back of the mast to the bearing surface of your second reef sheave**                         | <u>(SEE NOTES) N/A</u> |
| 8  | OUTHHAUL      | measure the length of your outhaul track ( see X, Y, Z diagram above)   | <u>N/A</u>             |
| 9  | CLEW SET UP   | measure from the top of the boom to the bearing surface of the pin in the outhaul car.                        | <u>1"</u>              |
| 10 | FEEDER HT     | measure from the top of the boom to feeder on the back of your mast   | <u>4 1/2"</u>          |
| 11 | REEF HOOK HT  | measure from the top of the boom to the bearing surface of the reef hook.                                     | <u>SEE NOTES N/A</u>   |
| 12 | RH SET BACK   | measure from the back of the mast to the bearing surface of the reef hook                                     | <u>SEE NOTES N/A</u>   |
| 13 | TACK SET UP   | measure from the top of the boom to the bearing surface of the tack pin                                       | <u>1"</u>              |
| 14 | TACK SET BACK | measure from the back of the mast to the bearing surface of the tack pin                                      | <u>3"</u>              |

MAST TRACK DETAILS measure your track per the diagram

BOOM TRACK DETAILS measure your track per the diagram or discuss a loose-footed mainsail with your consultant

\*you need to set your boom in a position so that it clears a bimini or boom gallows, and then measure it.

\*\* if you don't have reef sheaves, please indicate what you have for reefing and give us the measurements.

## **Sail Measurements for Halman 20 (Sam Cioran)**

Here are some important instructions from Schaefer for the luff tape size:

### **Sailmaker's Instructions for Schaefer Snapfurl CF-500**

- 1. The required luff tape size is #5 (4mm) (STANDARD & GOOD QUALITY) – CAN NOT BE “HEAVY” #5. The luff diameter must not exceed .160 (4.0mm) diameter. Larger luff tapes will not fit.**
2. Webbing, instead of a grommet, is recommended at the tack and head to avoid bulky furling.
3. A foam luff pad can be installed for reefing deep draft sails.

### **Additional Notes:**

1. There are no reefing hooks on the boom. I use blocks on the mast instead.
2. There are currently no reefing sheaves on the boom. I will add them after I get the mainsail, based on where the sailmaker puts the reefing cringles.
3. Mast track details: the mast track opening is 3/16" and takes 5/16" round slugs.
4. The boom track opening is 3/16" and takes 5/16" bolt rope.