MAINSAIL MEASUREMENT FORM

REYNOLDS SAIL DESIGN

FORM REV: MS-1.0

1 CUSTOMER AND BOAT

CUSTOMER | PHONE | EMAIL

MEASURED BY | DATE | LOCATION

BUILDER | MODEL | YEAR | BOAT NAME | SAIL NO.

2 METHOD AND MAINSAIL CONFIGURATION

MEASUREMENT METHOD ☐ Rig / boat ☐ Existing sail ☐ Both **UNITS** ☐ FT ☐ M

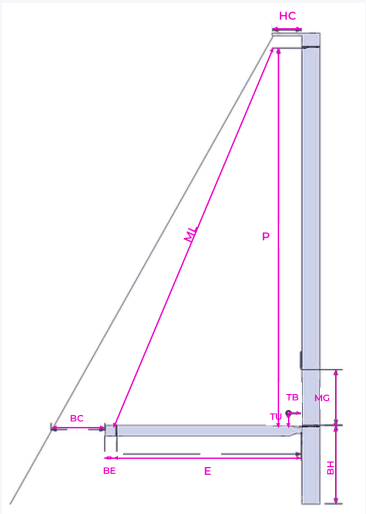
MAINSAIL TYPE ☐ Conventional ☐ In-mast furling ☐ In-boom furling ☐ Other

LUFF ATTACHMENT ☐ Slides / cars ☐ Bolt rope / groove ☐ External track ☐ Furling foil ☐ Other

FOOT ATTACHMENT ☐ Loose-footed ☐ Bolt rope / groove ☐ Other

3 RIG AND BOOM DIMENSIONS

Record only the dimensions that apply



P	Maximum available luff	E	Maximum foot / outhaul
ML	Maximum available leech	BC	Backstay clearance at boom
HC	Headboard / mast crane clearance	TB	Tack set back from mast
TU	Tack set up from boom	MG	Mast gate / insertion height
BH	Boom top above deck / mast foot	BE	Boom end to black band / clew

BIMINI / DODGER CLEARANCE

Could canvas limit boom height / leech length? ☐ Yes ☐ No ☐ Unknown

MINIMUM CLEARANCE / NOTES

4 SPREADERS

Use the units selected on Page 1

NUMBER OF SPREADER SETS | CHAINPLATE OFFSET FROM CENTERLINE

SET	HEIGHT ABOVE DECK	ALIGNMENT
1		☐ Inline ☐ Swept aft
2		☐ Inline ☐ Swept aft
3		☐ Inline ☐ Swept aft

MAINSAIL MEASUREMENT FORM

REYNOLDS SAIL DESIGN

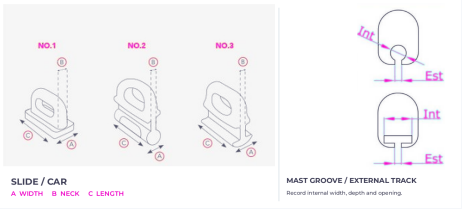
FORM REV: MS-1.0

5 ATTACHMENT AND HARDWARE

Complete only what applies

LUFF ATTACHMENT ☐ Slides / cars ☐ Bolt rope / groove ☐ External track ☐ Furling foil ☐ Other

FOOT ATTACHMENT ☐ Loose-footed ☐ Bolt rope / groove ☐ Other



MAST / TRACK MAKE AND MODEL

SLIDE / CAR MAKE AND MODEL

SLIDE / CAR PART NUMBER

LUFF ROPE DIAMETER

FOOT ROPE DIAMETER

SLIDE OR MAST-TRACK MEASUREMENTS

SLIDE W	NECK	LENGTH	TRACK INT.	DEPTH	OPENING

TACK FITTING / HARDWARE

HEAD FITTING / HEADBOARD

CLEW FITTING / SLIDE / BLOCK

6 REEFING AND BATTENS

Record the installed arrangement

REEFING SYSTEM ☐ None ☐ Slab ☐ Single-line ☐ In-mast ☐ In-boom

REEF COUNT

REEF	HEIGHT	LUFF HARDWARE	LEECH HARDWARE	SIDE
1				
2				
3				

BATTENS

FULL-LENGTH COUNT

PARTIAL COUNT

VERTICAL COUNT

OTHER COUNT

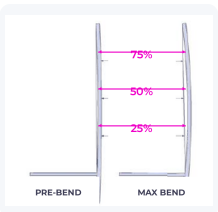
BATTEN SYSTEM / HARDWARE NOTES

7 MAST BEND AND REFERENCE SAIL

Use a reference sail only when applicable

MAST BEND BACKSTAY ☐ Fixed ☐ Adjustable ☐ None

MAXIMUM BEND: FULLY TENSION THE BACKSTAY BEFORE MEASURING.



HEIGHT	PRE-BEND	MAX BEND
25%		
50%		
75%		

MAST MAKE / MODEL OR BEND NOTES

EXISTING OR REFERENCE SAIL

LUFF	LEECH	FOOT	HEAD W

EXISTING SAILMAKER

REEF COUNT

LUFF ATTACHMENT

FOOT ATTACHMENT

PROBLEMS / REQUESTED CHANGES

8 PHOTOS AND NOTES

Enter or transcribe online at measurements.reynoldssail.design

ATTACHED ☐ Original form ☐ Rig / boom ☐ Mast / track ☐ Clew / outhaul ☐ Reefing ☐ Existing sail

GENERAL NOTES OR PHOTO REFERENCES

MEASURED BY

DATE