

Mainsail: 6000411 Christian -V2.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\6000411 Christian\6000411 Christian -V2.des

Initial Design Date: 14/4/2022
Boat:

Comments:

Client:

Design Data
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Main

Measurements

Luff geodesic: 3.400m
 Leech geodesic: 4.013m
 Foot geodesic: 2.130m
 Head geodesic: 0.040m
 Upper width (MUW): 0.339m
 Three-quarter width (MTW): 0.654m
 Half width (MHW): 1.221m
 Quarter width (MQW): 1.701m
 Foot median: 3.611m
 ORC Mainsail area: 3.958m?
 Surface area: 4.097m?
 Clew height: 0.003m
 Mast rake: 0.000m

Battens

Position	Length	Roach	Angle	Luff	Leech	Full
66.667%	0.300m	0.100m	90.000?	1.807m	2.657m	
33.333%	0.300m	0.076m	90.000?	0.256m	1.328m	

Luff Slides

- 1, Position: 0.425m
- 2, Position: 0.850m
- 3, Position: 1.275m
- 4, Position: 1.700m
- 5, Position: 2.125m
- 6, Position: 2.550m
- 7, Position: 2.975m

Luff Curve

		Fanned Luff (@ 5.00% [0.106m])	Before BSeam
3.400m,	0.000m	100% (3.400m) :	0.000m
2.976m,	-0.007m	90% (3.060m) :	0.004m
2.550m,	-0.012m	80% (2.720m) :	0.007m
2.123m,	-0.015m	70% (2.380m) :	0.009m
1.700m,	-0.015m	60% (2.040m) :	0.010m
1.267m,	-0.014m	50% (1.700m) :	0.009m
0.850m,	-0.011m	40% (1.360m) :	0.008m
0.424m,	-0.006m	30% (1.020m) :	0.007m
0.000m,	0.000m	20% (0.680m) :	0.005m
		10% (0.340m) :	0.002m
		0% (0.000m) :	0.000m

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.015m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	6.19
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Med blue	2.04	2,4,6,7
White	2.06	1,3,5

