

Genoa: 5000917-Head-2 -V1-0811.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\5000917 Joseph\5000917-Head-2 -V1-0811.des

Initial Design Date: 16/6/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	9.807m
Leech geodesic:	9.288m
Foot geodesic:	5.103m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.806m
Upper width (HUW):	0.572m
Three-quarter width (HTW):	1.125m
Half width (HHW):	2.312m
Quarter width (HQW):	3.563m
Foot median:	9.394m
ORC Headsail area:	23.119m?
IRC Headsail area:	23.057m?
Surface area:	23.494m?
Forestay height:	10.700m
J:	3.560m

Reefing Points

1, Luff: 1.677m ; Leech: 1.598m ; Offset: 0.000m ; Number Eyelets: 3

Luff Slides

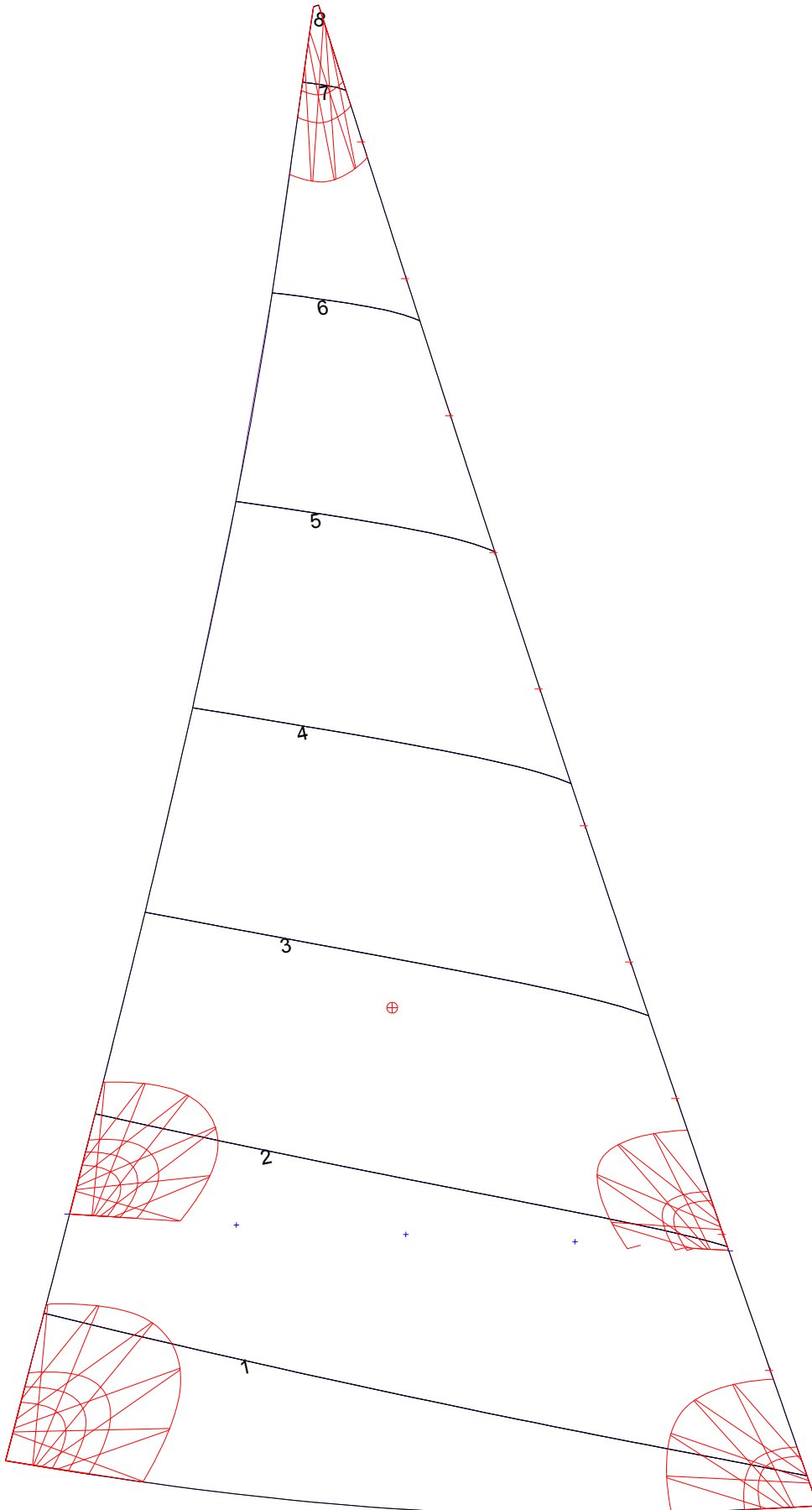
1, Position: 0.890m
2, Position: 1.782m
3, Position: 2.674m
4, Position: 3.566m
5, Position: 4.458m
6, Position: 5.349m
7, Position: 6.241m
8, Position: 7.133m
9, Position: 8.025m
10, Position: 8.917m

Luff Curve

9.806m,	0.000m
7.355m,	0.042m
4.904m,	0.056m
2.452m,	0.042m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.252m])		Before BSeam
100% (9.806m) :	-0.000m	0.000m
90% (8.825m) :	-0.018m	0.011m
80% (7.845m) :	-0.035m	0.021m
70% (6.864m) :	-0.049m	0.031m
60% (5.884m) :	-0.056m	0.038m
50% (4.903m) :	-0.059m	0.044m
40% (3.922m) :	-0.059m	0.048m
30% (2.941m) :	-0.053m	0.048m
20% (1.962m) :	-0.040m	0.040m
10% (0.979m) :	-0.022m	0.023m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.018m

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

Total Seam Lengths (m)

Horizontal	17.89
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	23.53	1,2,3,4,5 6,7,8