

Genoa: 6000321-2 Strom.des

Design Info

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Design File:

E:\Dropbox\Fareast Sails\2022 Order\6000321 Holger\6000321-2 Strom.des

Initial Design Date: 30/3/2022
Boat:

Comments:

Client:

Design Data

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Genoa

Measurements

Luff geodesic:	5.880m
Leech geodesic:	4.470m
Foot geodesic:	2.670m
Headboard width:	0.045m
Luff perpendicular (HLP):	1.973m
Upper width (HUW):	0.247m
Three-quarter width (HTW):	0.462m
Half width (HHW):	0.945m
Quarter width (HQW):	1.459m
Foot median:	5.114m
ORC Headsail area:	5.689m?
IRC Headsail area:	5.675m?
Surface area:	5.782m?
Forestay height:	7.000m
J:	2.500m

Luff Curve

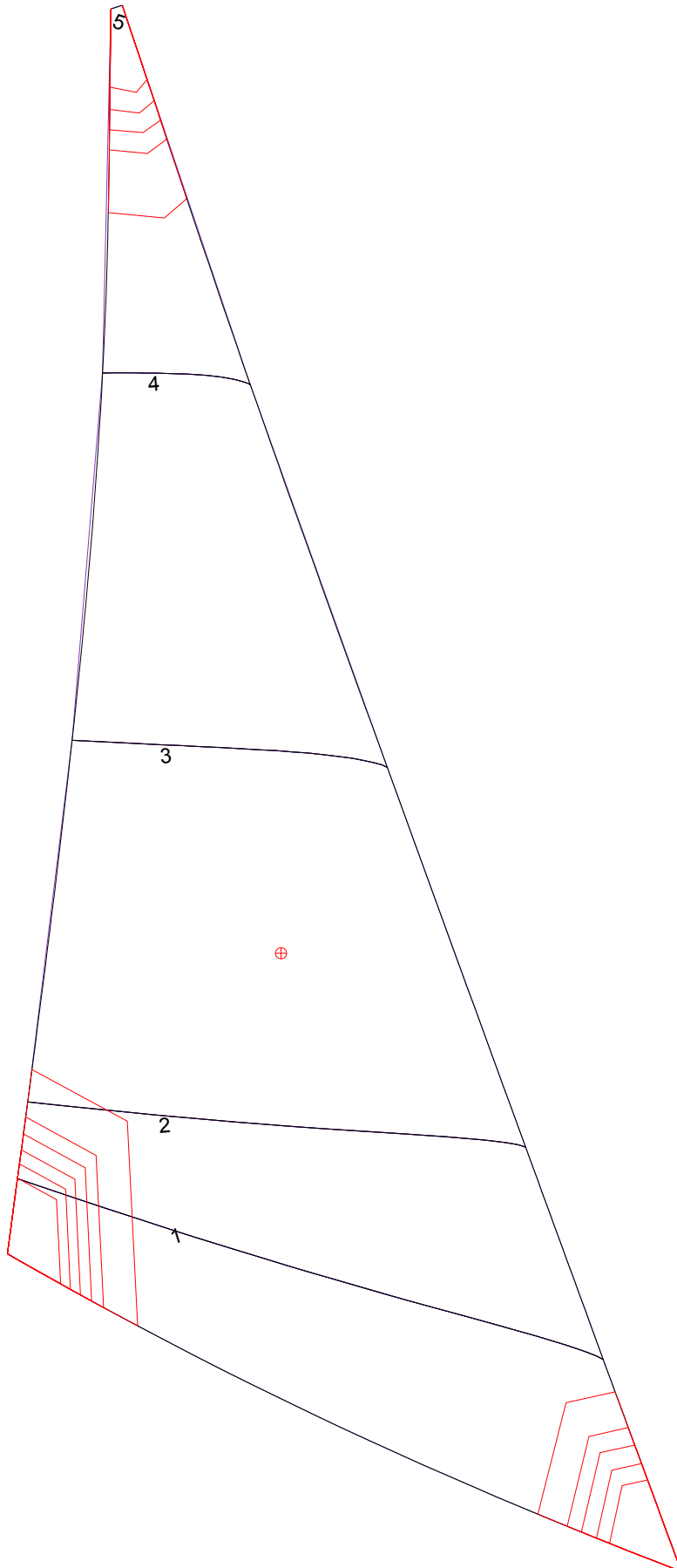
5.878m,	0.000m
5.390m,	0.020m
4.850m,	0.036m
4.374m,	0.044m
3.821m,	0.048m
2.925m,	0.042m
1.911m,	0.028m
0.994m,	0.014m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.119m])

100% (5.879m) :	0.000m	-0.000m
90% (5.292m) :	-0.025m	-0.001m
80% (4.703m) :	-0.046m	0.002m
70% (4.116m) :	-0.056m	0.012m
60% (3.527m) :	-0.056m	0.024m
50% (2.940m) :	-0.051m	0.034m
40% (2.352m) :	-0.043m	0.039m
30% (1.764m) :	-0.033m	0.038m
20% (1.176m) :	-0.023m	0.030m
10% (0.588m) :	-0.012m	0.016m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances			
	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m

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

Total Seam Lengths (m)

Horizontal	5.91
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	5.81	1,2,3,4,5