

Genoa: 6000122 Genoa.des

Design Info
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Design File:
D:\Dropbox\Dropbox\Fareast Sails\2022 Order\6000122\6000122 Genoa.des

Initial Design Date: 2/2/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

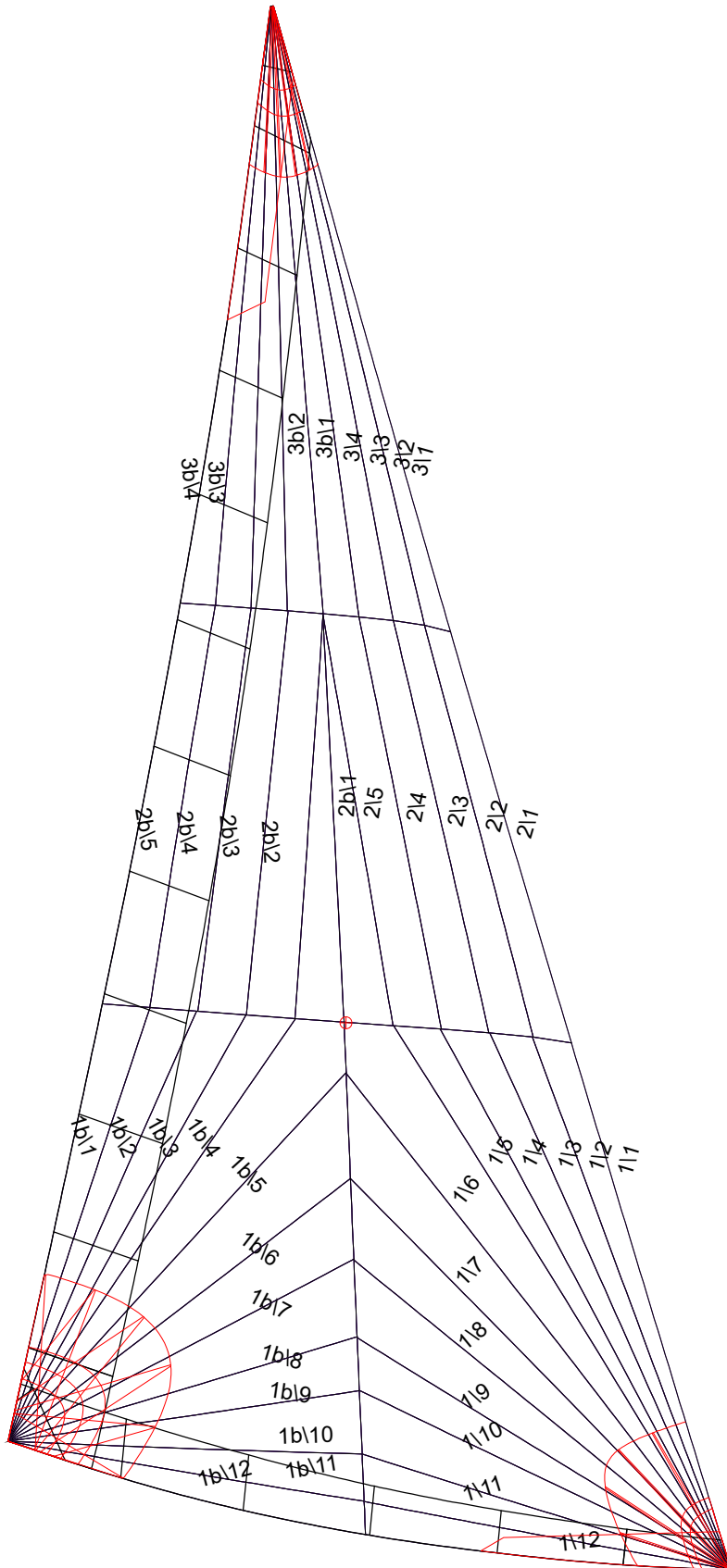
Luff geodesic:	13.015m
Leech geodesic:	11.615m
Foot geodesic:	5.890m
Headboard width:	0.025m
Luff perpendicular (HLP):	5.334m
Upper width (HUW):	0.641m
Three-quarter width (HTW):	1.272m
Half width (HHW):	2.596m
Quarter width (HQW):	3.965m
Foot median:	12.183m
ORC Headsail area:	33.981m?
IRC Headsail area:	33.920m?
Surface area:	34.752m?
Forestay height:	12.890m
J:	3.770m

Luff Curve

12.919m,	0.000m
10.328m,	0.048m
7.739m,	0.072m
5.155m,	0.066m
2.575m,	0.038m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.286m])		Before BSeam
100% (12.919m) :	0.000m	-0.000m
90% (11.627m) :	-0.025m	0.012m
80% (10.336m) :	-0.049m	0.024m
70% (9.043m) :	-0.067m	0.034m
60% (7.751m) :	-0.077m	0.043m
50% (6.459m) :	-0.078m	0.051m
40% (5.168m) :	-0.073m	0.053m
30% (3.875m) :	-0.061m	0.047m
20% (2.584m) :	-0.045m	0.036m
10% (1.291m) :	-0.024m	0.021m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3/a	0.038m	0.015m	0.038m
Zone: 3/b	0.038m	0.015m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.070m	0.070m
Cover 1	0.070m	0.070m	0.070m
Cover 2	0.000m	0.000m	0.000m
Cover 3	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	6.18
Radial/Vertical	139.27
Bi-Radial Split	12.62

Materials

Material	Area (m ²)	Panels
Material 1	34.79	111, 112, 113, 114, 115 116, 117, 118, 119, 1110 1111, 1112, 1b1, 1b2, 1b3 1b4, 1b5, 1b6, 1b7, 1b8 1b9, 1b10, 1b11, 1b12, 21 212, 213, 214, 215, 2b1 2b2, 2b3, 2b4, 2b5, 31 312, 313, 314, 3b1, 3b2 3b3, 3b4

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