

Genoa: 6000106 Jeff-v4.des

Design Info
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Design File:
E:\Dropbox\Fareast Sails\2022 Order\6000106 Jeff\6000106 Jeff-v4.des

Initial Design Date: 14/1/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

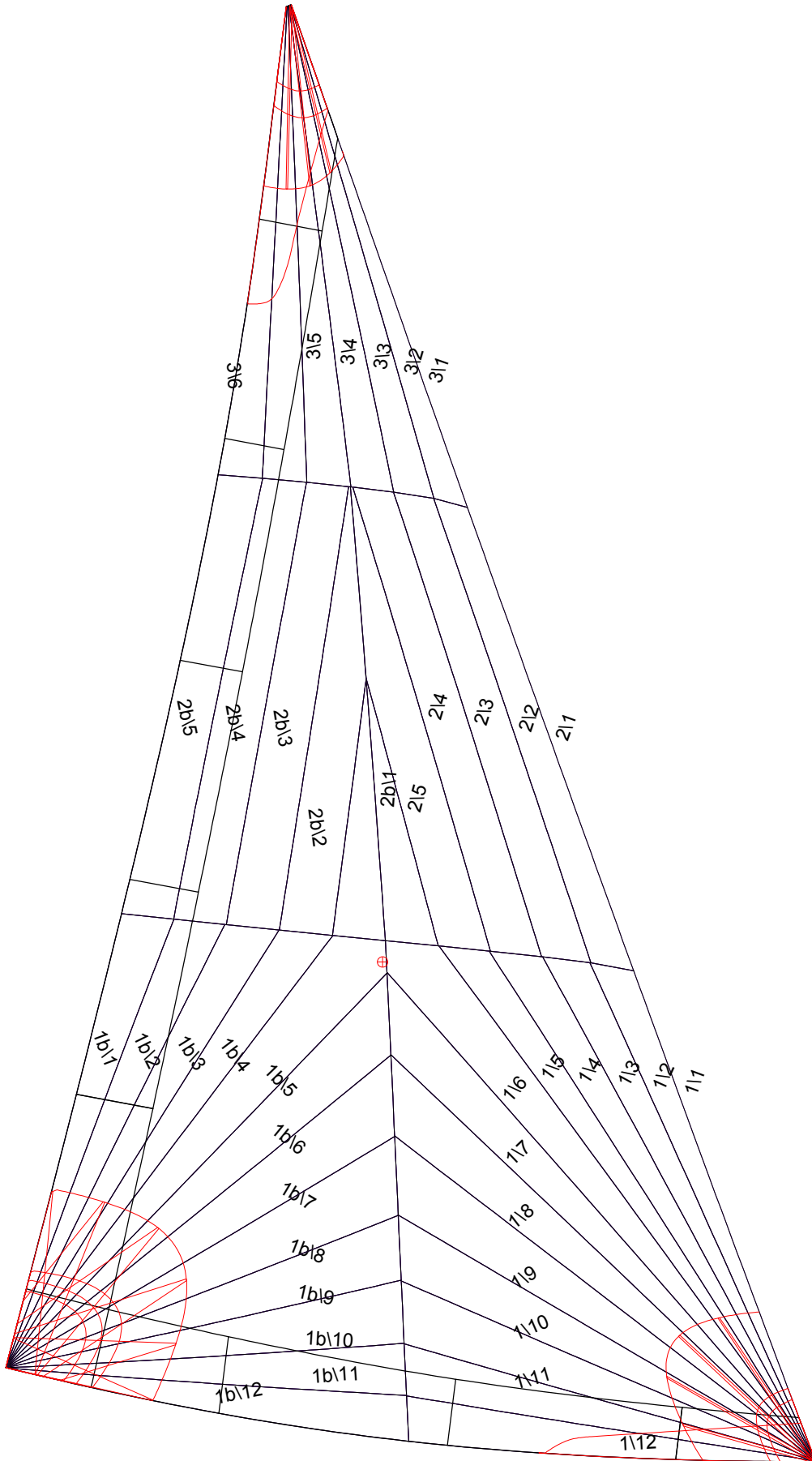
Luff geodesic: 9.680m
Leech geodesic: 8.779m
Foot geodesic: 5.146m
Headboard width: 0.035m
Luff perpendicular (HLP): 4.662m
Upper width (HUW): 0.551m
Three-quarter width (HTW): 1.090m
Half width (HHW): 2.248m
Quarter width (HQW): 3.451m
Foot median: 9.061m
ORC Headsail area: 22.129m?
IRC Headsail area: 22.088m?
Surface area: 22.509m?
Forestay height: 10.360m
J: 3.730m

Luff Curve

9.679m, 0.000m
7.259m, 0.042m
4.840m, 0.056m
2.420m, 0.042m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.253m])		Before BSeam
100% (9.679m) :	-0.000m	0.000m
90% (8.711m) :	-0.018m	0.009m
80% (7.744m) :	-0.034m	0.018m
70% (6.775m) :	-0.046m	0.028m
60% (5.808m) :	-0.054m	0.035m
50% (4.839m) :	-0.058m	0.037m
40% (3.872m) :	-0.057m	0.034m
30% (2.903m) :	-0.051m	0.028m
20% (1.936m) :	-0.039m	0.019m
10% (0.967m) :	-0.021m	0.008m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

Zone:	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	0.038m	0.015m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.050m	0.070m	0.070m
Cover 1	0.050m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	5.01
Radial/Vertical	106.96
Bi-Radial Split	6.29

Materials

Material	Area (m ²)	Panels
Material 1	22.55	1\1, 1\2, 1\3, 1\4, 1\5 1\6, 1\7, 1\8, 1\9, 1\10 1\11, 1\12, 1b\1, 1b\2, 1b\3 1b\4, 1b\5, 1b\6, 1b\7, 1b\8 1b\9, 1b\10, 1b\11, 1b\12, 2\1 2\2, 2\3, 2\4, 2\5, 2b\1 2b\2, 2b\3, 2b\4, 2b\5, 3\1 3\2, 3\3, 3\4, 3\5, 3\6