

Genoa: 6000111 Charles-2 Genoa

Design Info
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Design File:
E:\dropbox\Dropbox\Fareast Sails\2022 Order\6000111 Charles\6000111 Charles-2 Genoa.des

Initial Design Date: 18/1/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

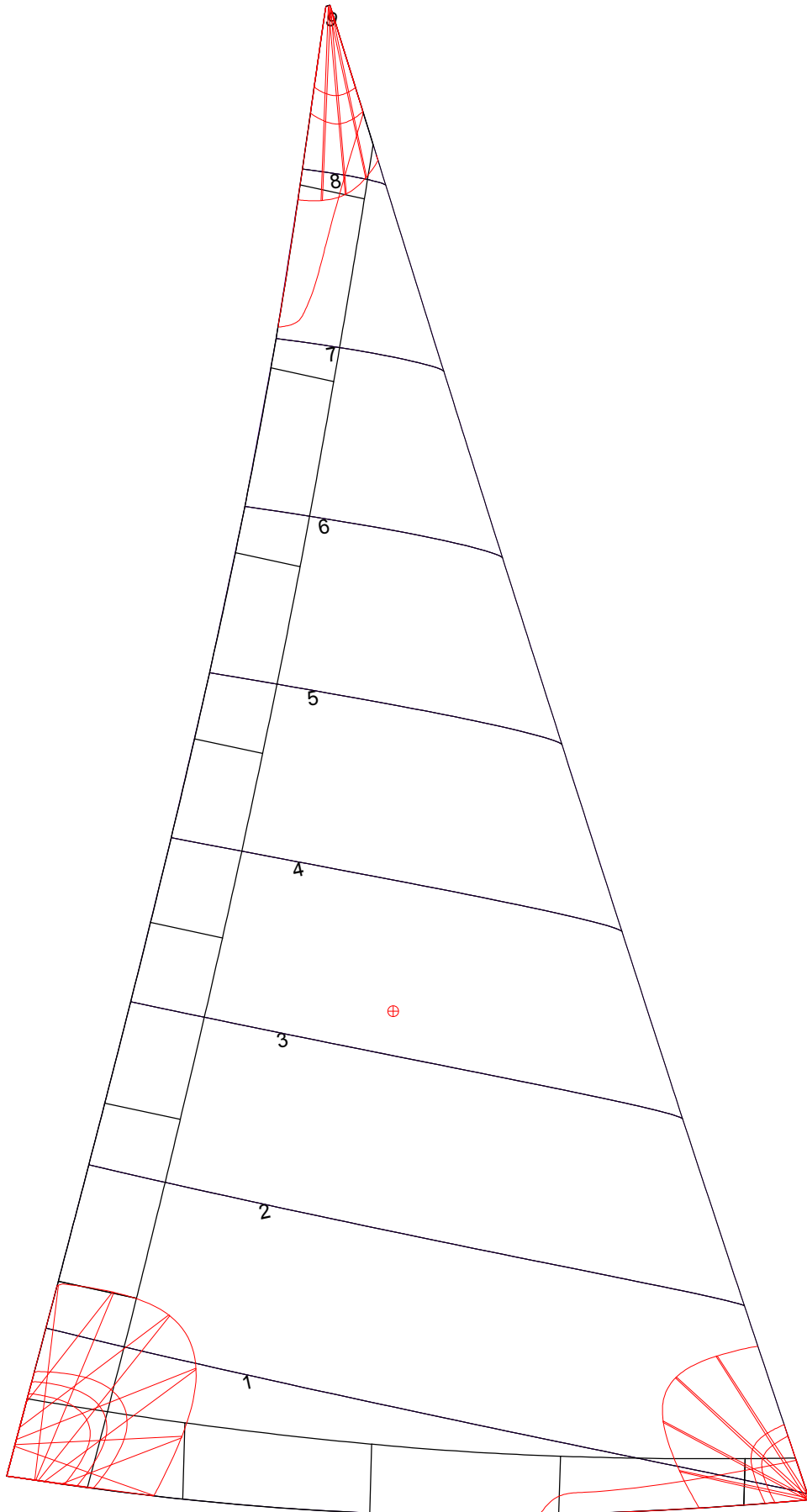
Luff geodesic: 39.272Ft
Leech geodesic: 37.943Ft
Foot geodesic: 20.276Ft
Headboard width: 0.115Ft
Luff perpendicular (HLP): 19.245Ft
Upper width (HUW): 2.270Ft
Three-quarter width (HTW): 4.510Ft
Half width (HHW): 9.304Ft
Quarter width (HQW): 14.264Ft
Foot median: 37.992Ft
ORC Headsail area: 371.028Ft?
IRC Headsail area: 370.321Ft?
Surface area: 376.407Ft?
Forestay height: 40.000Ft
J: 12.830Ft

Luff Curve

39.268Ft, 0.000Ft
29.451Ft, 0.167Ft
19.636Ft, 0.223Ft
9.817Ft, 0.167Ft
0.000Ft, 0.000Ft

Fanned Luff (@ 5.00% [1.004Ft])		Before BSeam
100% (39.268Ft) :	-0.000Ft	0.000Ft
90% (35.339Ft) :	-0.067Ft	0.033Ft
80% (31.417Ft) :	-0.129Ft	0.067Ft
70% (27.488Ft) :	-0.176Ft	0.104Ft
60% (23.561Ft) :	-0.206Ft	0.130Ft
50% (19.634Ft) :	-0.219Ft	0.136Ft
40% (15.707Ft) :	-0.215Ft	0.124Ft
30% (11.779Ft) :	-0.192Ft	0.103Ft
20% (7.855Ft) :	-0.148Ft	0.069Ft
10% (3.922Ft) :	-0.080Ft	0.028Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000Ft	0.000Ft	0.082Ft
Cover 1	0.082Ft	0.082Ft	0.082Ft
Cover 2	0.082Ft	0.082Ft	0.082Ft

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft
Cover 0	0.164Ft	0.230Ft	0.230Ft
Cover 1	0.164Ft	0.230Ft	0.230Ft

Total Seam Lengths (Ft)

Horizontal	86.41
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	377.39	1,2,3,4,5 6,7,8,9