

Genoa: 6000111 Charles-2 Genoa.des

Design Info
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Design File:
E:\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

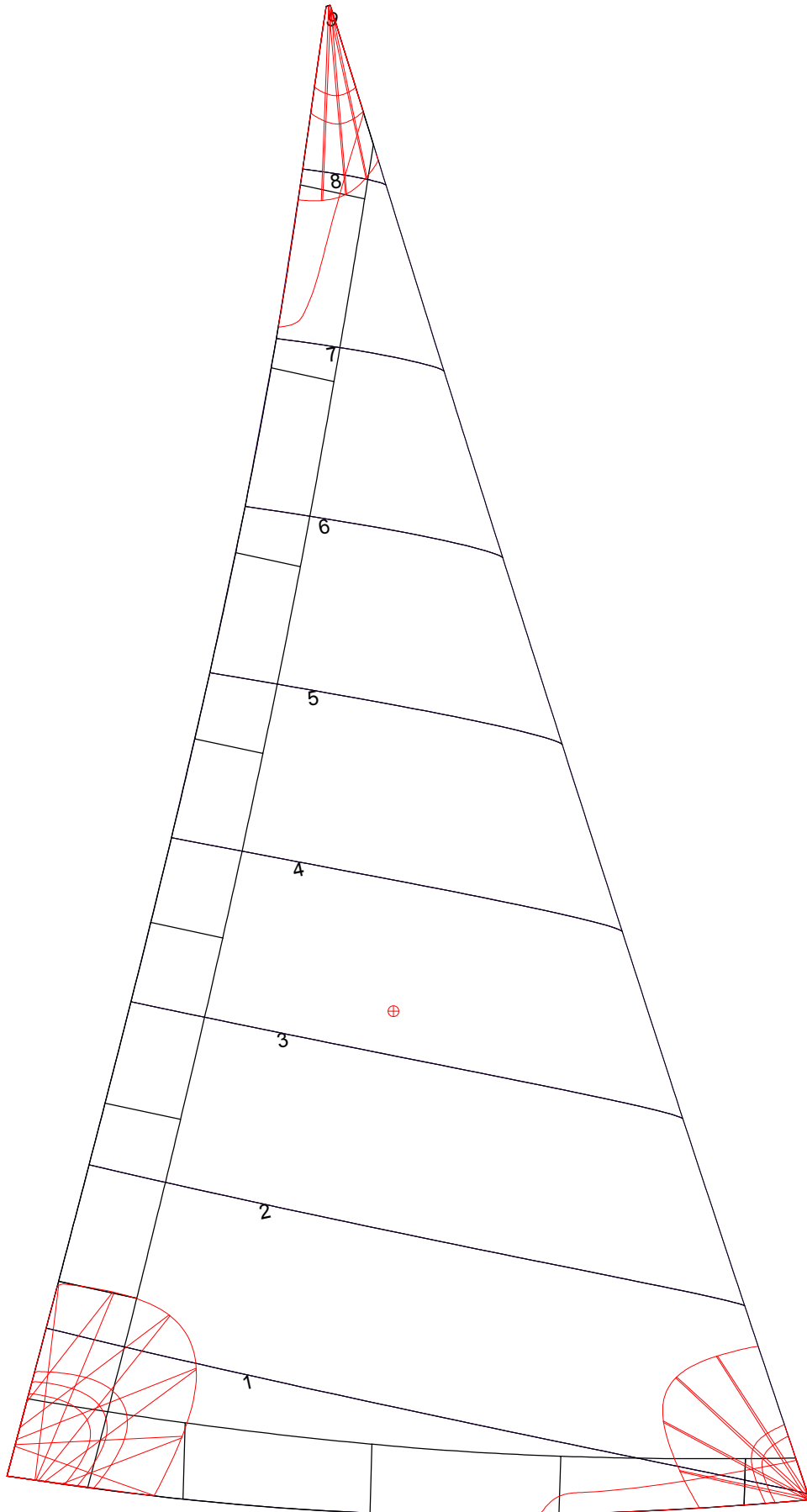
Luff geodesic: 11.970m
Leech geodesic: 11.565m
Foot geodesic: 6.180m
Headboard width: 0.035m
Luff perpendicular (HLP): 5.866m
Upper width (HUW): 0.692m
Three-quarter width (HTW): 1.375m
Half width (HHW): 2.836m
Quarter width (HQW): 4.348m
Foot median: 11.580m
ORC Headsail area: 34.470m?
IRC Headsail area: 34.404m?
Surface area: 34.969m?
Forestay height: 12.192m
J: 3.911m

Luff Curve

11.969m, 0.000m
8.977m, 0.051m
5.985m, 0.068m
2.992m, 0.051m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.306m]) Before BSeam
100% (11.969m) : -0.000m 0.000m
90% (10.771m) : -0.020m 0.010m
80% (9.576m) : -0.039m 0.020m
70% (8.378m) : -0.054m 0.032m
60% (7.182m) : -0.063m 0.040m
50% (5.984m) : -0.067m 0.041m
40% (4.788m) : -0.065m 0.038m
30% (3.590m) : -0.058m 0.031m
20% (2.394m) : -0.045m 0.021m
10% (1.195m) : -0.024m 0.009m
0% (0.000m) : 0.000m 0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m

Edge Excesses

	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	26.34
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	35.06	1,2,3,4,5 6,7,8,9