Genoa: 5001206 Roger-storm-3 -V2.des

Design Info
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Design File:
E:\Dropbox\Fareast Sails\2021\5001206 Roger\5001206 Roger-storm-3 -V2.des

Comments:

Initial Design Date: 9/12/2021
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	8.992m
Leech geodesic:	7.925m
Foot geodesic:	3.124m
Headboard width:	0.060m
Luff perpendicular (HLP):	2.716m
Upper width (HUW):	0.350m
Three-quarter width (HTW):	0.654m
Half width (HHW):	1.314m
Quarter width (HQW):	2.006m
Foot median:	8.436m
ORC Headsail area:	12.034m?
IRC Headsail area:	12.031m?
Surface area:	12.223m?
Forestay height:	15.697m
J:	5.105m

Luff Curve

8.991m,	0.000m
6.743m,	0.038m
4.496m,	0.051m
2.248m,	0.038m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.151m])		Before BSeam
100% (8.991m) :	-0.000m	-0.000m
90% (8.092m) :	-0.016m	0.001m
80% (7.193m) :	-0.032m	0.002m
70% (6.294m) :	-0.043m	0.005m
60% (5.395m) :	-0.050m	0.007m
50% (4.496m) :	-0.053m	0.008m
40% (3.596m) :	-0.052m	0.007m
30% (2.697m) :	-0.047m	0.005m
20% (1.798m) :	-0.036m	0.003m
10% (0.898m) :	-0.019m	0.001m
0% (0.000m) :	0.000m	0.000m

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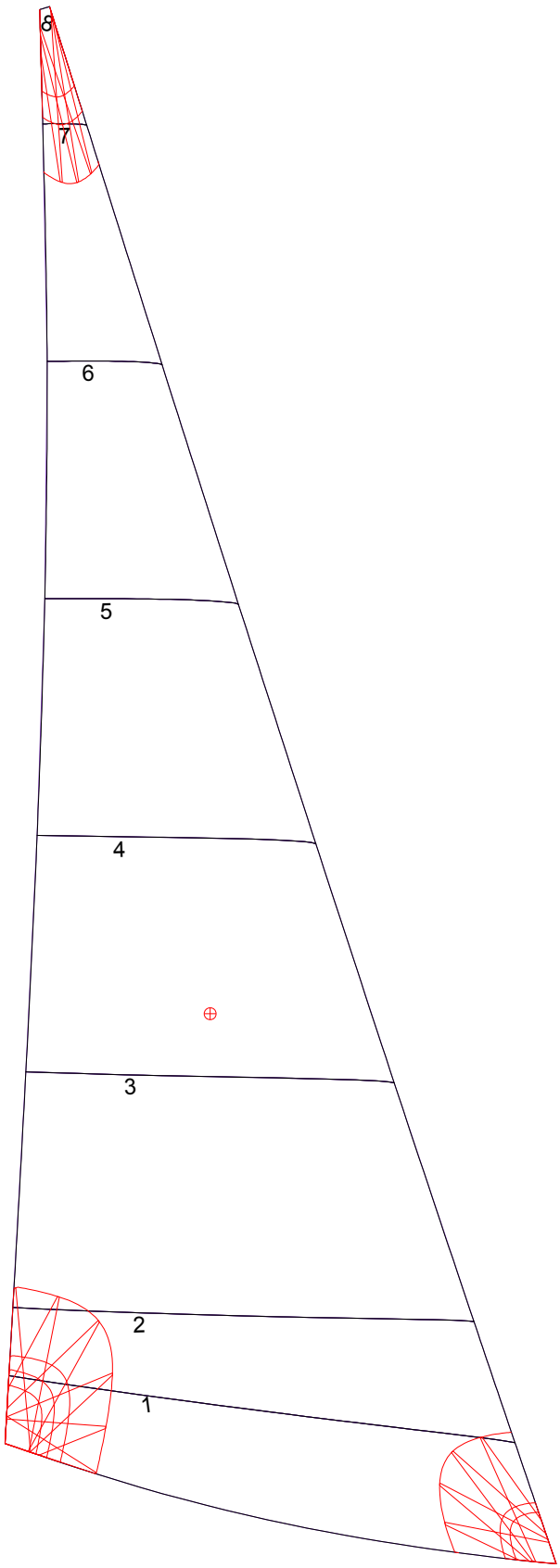

Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	11.21
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Orange 10oz	12.26	1,2,3,4,5 6,7,8