

Genoa: 5000905 Victor-selftacking.des

Design Info

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Design File:

D:\dropbox\Dropbox\Fareast Sails\2021\5000905 Victor\5000905 Victor-selftacking.des

Initial Design Date: 3/12/2021

Boat:

Client:

Comments:

Design Data

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Genoa

Measurements

Luff geodesic:	12.500m
Leech geodesic:	11.427m
Foot geodesic:	3.676m
Headboard width:	0.035m
Luff perpendicular (HLP):	3.324m
Upper width (HUW):	0.354m
Three-quarter width (HTW):	0.695m
Half width (HHW):	1.506m
Quarter width (HQW):	2.402m
Foot median:	11.952m
ORC Headsail area:	19.709m?
IRC Headsail area:	19.629m?
Surface area:	19.824m?
Forestay height:	12.900m
J:	4.950m

Luff Curve

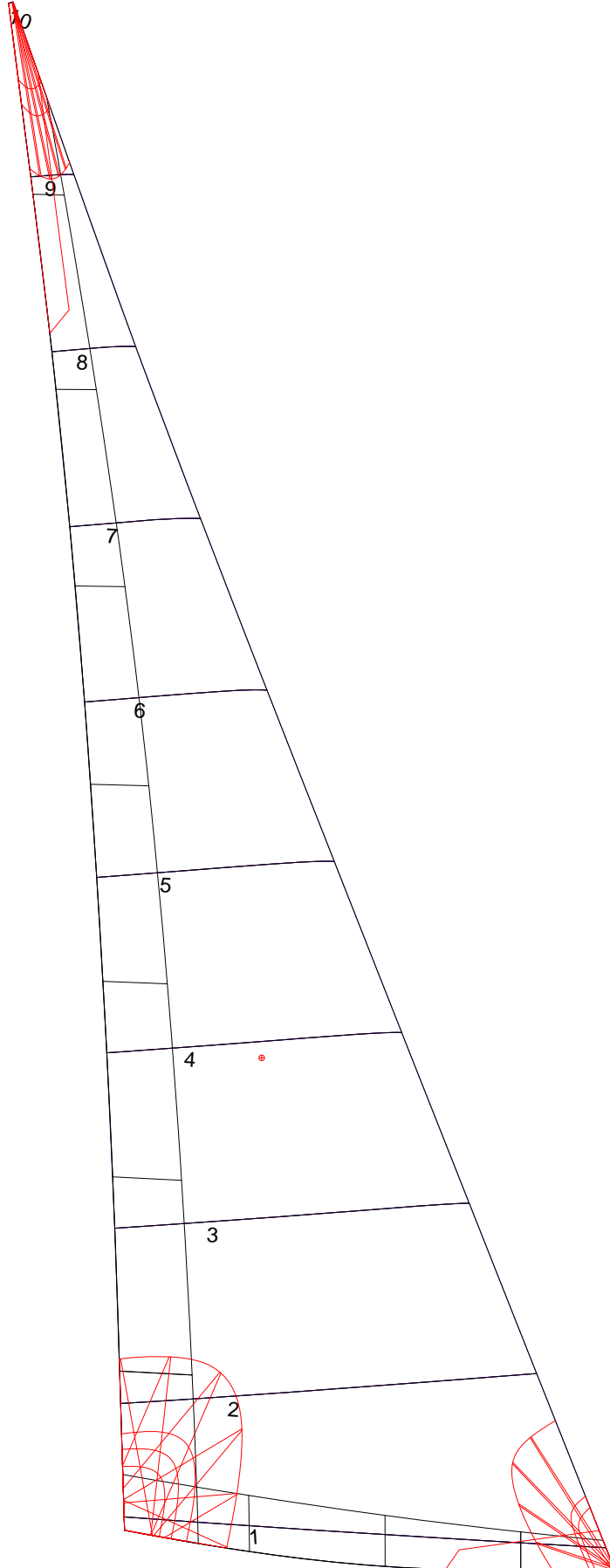
12.498m,	0.000m
11.459m,	0.042m
10.311m,	0.077m
9.299m,	0.094m
8.124m,	0.101m
6.219m,	0.089m
4.062m,	0.060m
2.112m,	0.030m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.182m])

100% (12.498m) :	-0.000m	-0.000m
90% (11.246m) :	-0.046m	-0.025m
80% (10.001m) :	-0.086m	-0.043m
70% (8.749m) :	-0.104m	-0.043m
60% (7.499m) :	-0.104m	-0.032m
50% (6.249m) :	-0.095m	-0.019m
40% (4.999m) :	-0.079m	-0.006m
30% (3.749m) :	-0.061m	0.003m
20% (2.500m) :	-0.042m	0.005m
10% (1.248m) :	-0.023m	-0.000m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances			
	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
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	17.06
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	19.93	1,2,3,4,5 6,7,8,9,10

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