Genoa: 6000202 Carl.des

Design Info
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Design File:
E:\Dropbox\Fareast Sails\2022 Order\6000202 Carl\6000202 Carl.des

Comments:

Initial Design Date: 9/2/2022
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	14.400m
Leech geodesic:	13.347m
Foot geodesic:	6.439m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.980m
Upper width (HUW):	0.704m
Three-quarter width (HTW):	1.398m
Half width (HHW):	2.888m
Quarter width (HQW):	4.435m
Foot median:	13.741m
ORC Headsail area:	42.261m?
IRC Headsail area:	42.166m?
Surface area:	42.845m?
Forestay height:	15.300m
J:	4.600m

Luff Curve

14.399m,	0.000m
10.799m,	0.061m
7.200m,	0.082m
3.600m,	0.061m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.316m])		Before BSeam
100% (14.399m) :	0.000m	-0.000m
90% (12.958m) :	-0.026m	0.013m
80% (11.519m) :	-0.050m	0.027m
70% (10.079m) :	-0.068m	0.041m
60% (8.639m) :	-0.079m	0.052m
50% (7.199m) :	-0.084m	0.056m
40% (5.759m) :	-0.082m	0.054m
30% (4.319m) :	-0.073m	0.045m
20% (2.880m) :	-0.056m	0.031m
10% (1.438m) :	-0.030m	0.014m
0% (0.000m) :	0.000m	0.000m

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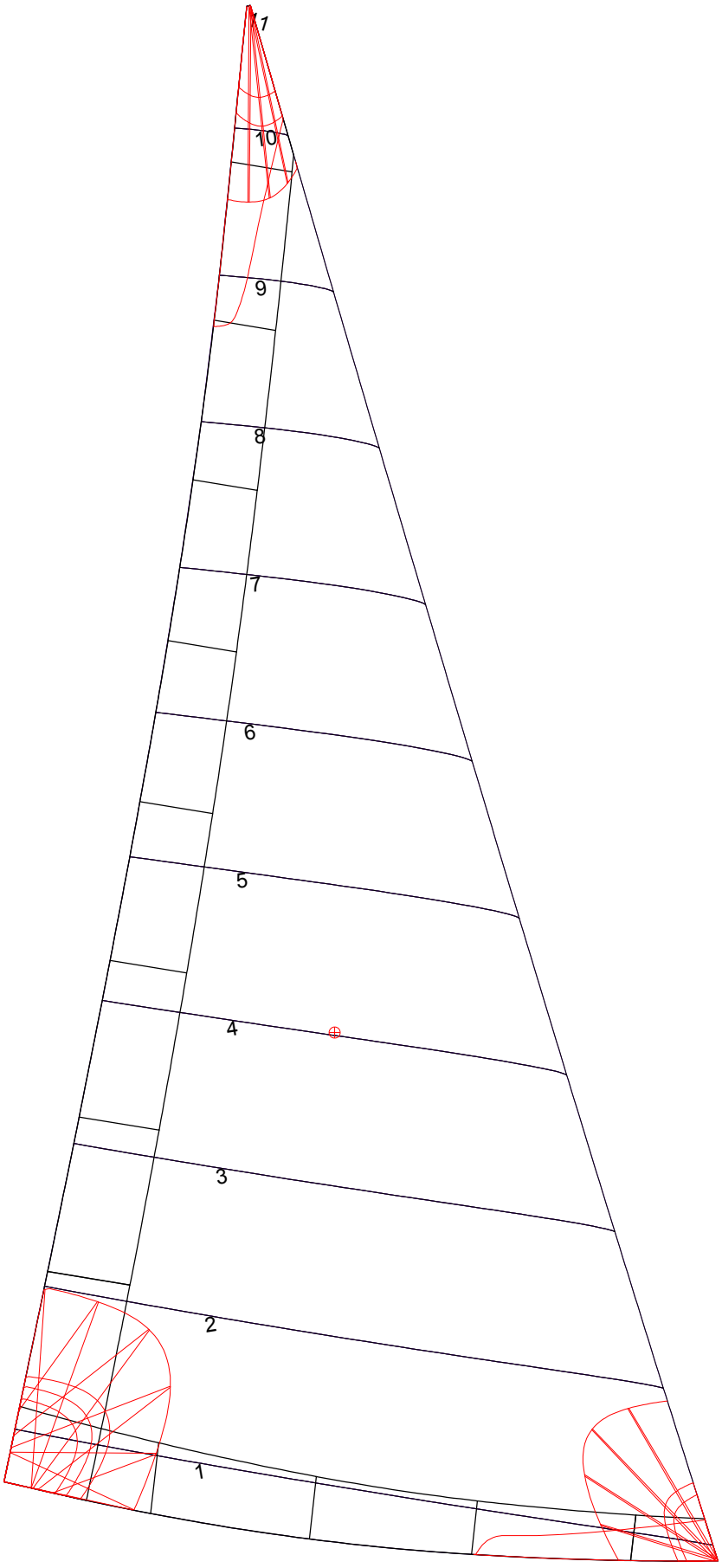

Seam Allowances

	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	0.070m	0.100m	0.070m
Cover 1	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	33.73
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	42.95	1,2,3,4,5 6,7,8,9,10 11