Genoa: 6000306 Peter Levezzi 40 headsail-V2.des

Design Info
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Design File:
E:\Dropbox\Fareast Sails\2022 Order\6000306 Peter\6000306 Peter Levezzi 40 headsail-V2.des

Comments:

Initial Design Date: 18/3/2022
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	13.040m
Leech geodesic:	11.982m
Foot geodesic:	5.385m
Headboard width:	0.040m
Luff perpendicular (HLP):	4.990m
Upper width (HUW):	0.599m
Three-quarter width (HTW):	1.175m
Half width (HHW):	2.407m
Quarter width (HQW):	3.696m
Foot median:	12.450m
ORC Headsail area:	31.950m?
IRC Headsail area:	31.889m?
Surface area:	32.513m?
Forestay height:	13.200m
J:	3.700m

Luff Curve

13.039m,	0.000m
9.779m,	0.056m
6.520m,	0.074m
3.260m,	0.056m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.260m])		Before BSeam
100% (13.039m) :	0.000m	0.000m
90% (11.735m) :	-0.024m	0.016m
80% (10.431m) :	-0.048m	0.030m
70% (9.127m) :	-0.066m	0.043m
60% (7.823m) :	-0.077m	0.052m
50% (6.519m) :	-0.081m	0.059m
40% (5.215m) :	-0.079m	0.060m
30% (3.911m) :	-0.069m	0.054m
20% (2.608m) :	-0.052m	0.043m
10% (1.302m) :	-0.027m	0.029m
0% (0.000m) :	0.000m	0.000m

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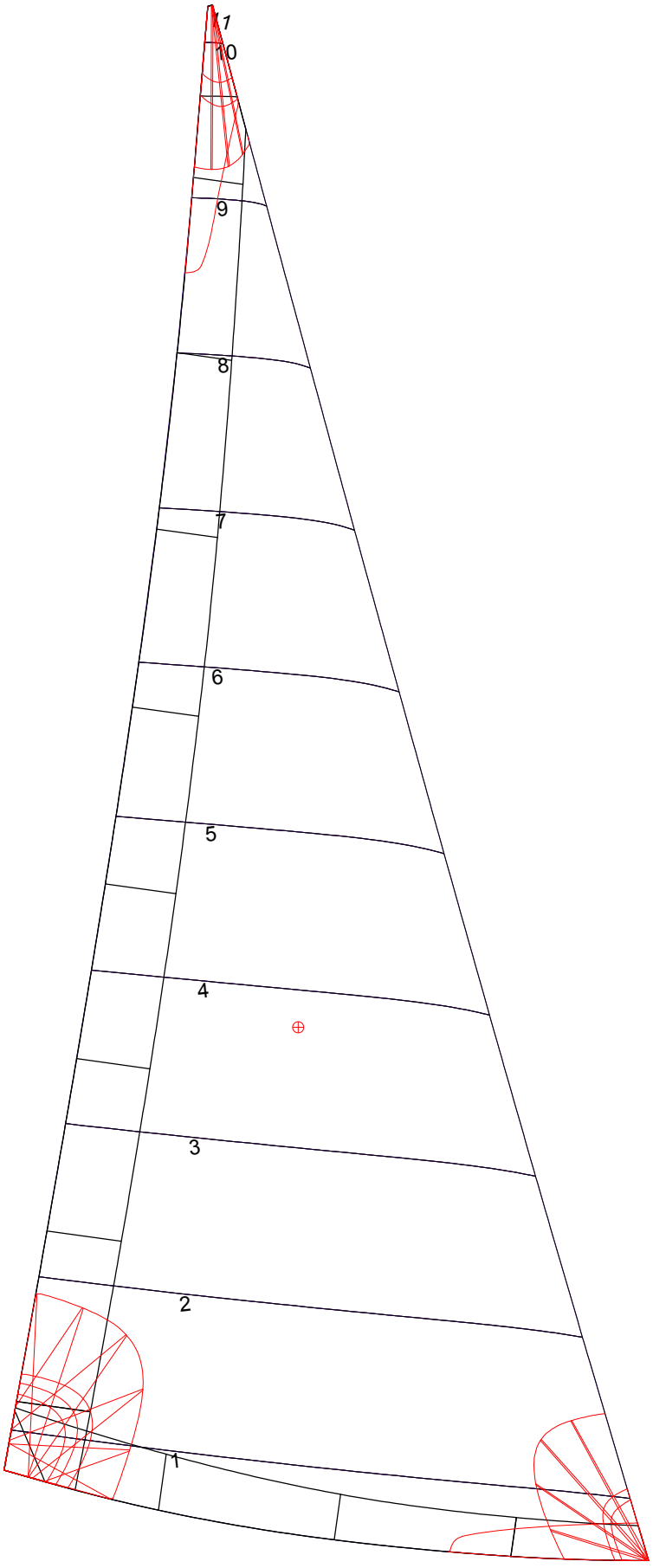

Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.035m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.025m	0.025m	0.025m
Cover 4	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
Cover 2	0.070m	0.100m	0.070m
Cover 3	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	26.16
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	32.55	1,2,3,4,5 6,7,8,9,10 11