Genoa: 5000918 Garry-Head-0610.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confrim order\5000918 Garry\5000918 Garry-Head-0610.des

Comments:

Initial Design Date: 5/3/2022
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	8.500m
Leech geodesic:	8.250m
Foot geodesic:	3.500m
Headboard width:	0.035m
Luff perpendicular (HLP):	3.370m
Upper width (HUW):	0.409m
Three-quarter width (HTW):	0.799m
Half width (HHW):	1.635m
Quarter width (HQW):	2.502m
Foot median:	8.319m
ORC Headsail area:	14.106m?
IRC Headsail area:	14.082m?
Surface area:	14.287m?
Forestay height:	8.580m
J:	2.950m

Luff Curve

8.499m,	0.000m
6.374m,	0.037m
4.250m,	0.049m
2.125m,	0.037m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.173m])		Before BSeam
100% (8.499m) :	-0.000m	0.000m
90% (7.649m) :	-0.015m	0.006m
80% (6.800m) :	-0.028m	0.012m
70% (5.949m) :	-0.038m	0.018m
60% (5.100m) :	-0.045m	0.023m
50% (4.250m) :	-0.048m	0.025m
40% (3.400m) :	-0.047m	0.024m
30% (2.549m) :	-0.043m	0.020m
20% (1.700m) :	-0.033m	0.014m
10% (0.849m) :	-0.018m	0.006m
0% (0.000m) :	0.000m	0.000m

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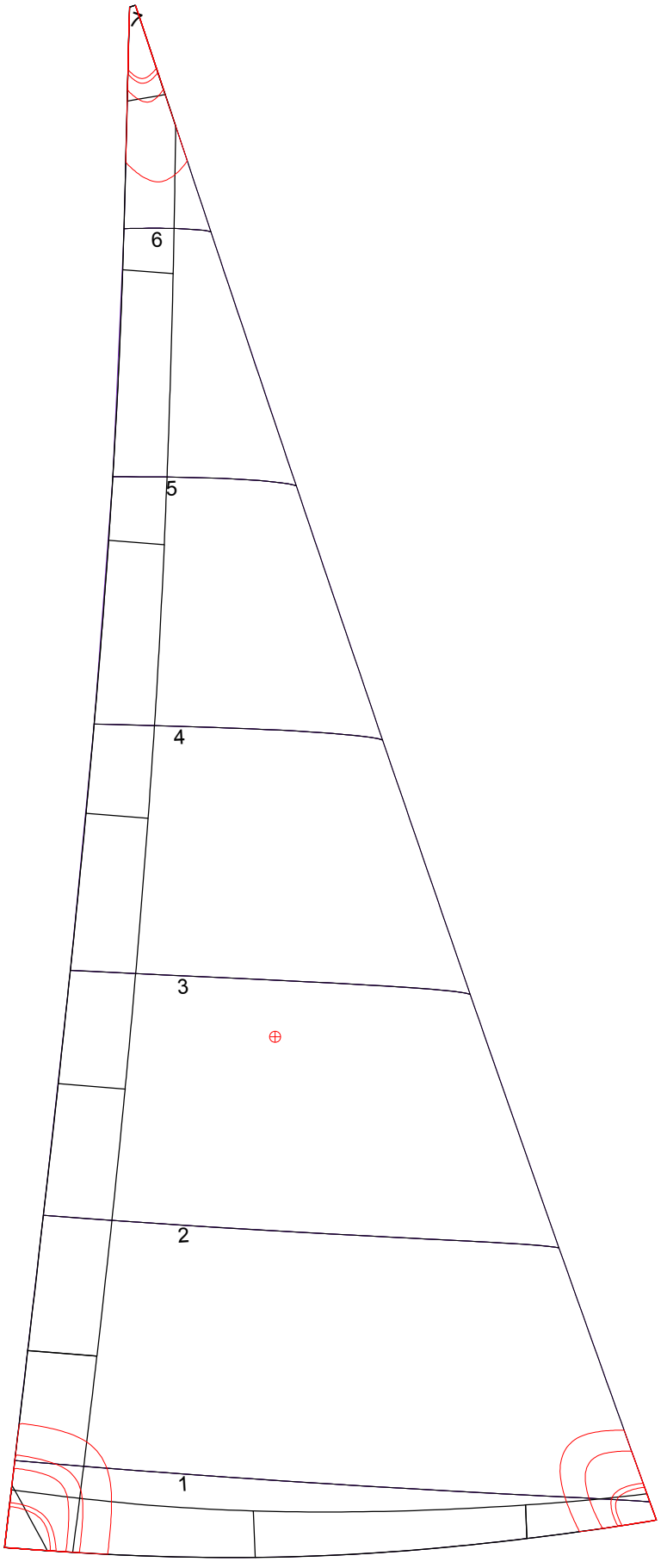

Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.015m
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	11.62
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	14.33	1,2,3,4,5 6,7