Genoa: 6000422-2.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confrim order\6000422 Andrew\6000422-2.des

Comments:

Initial Design Date: 18/5/2022
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	10.200m
Leech geodesic:	8.141m
Foot geodesic:	4.352m
Headboard width:	0.035m
Luff perpendicular (HLP):	3.410m
Upper width (HUW):	0.413m
Three-quarter width (HTW):	0.807m
Half width (HHW):	1.658m
Quarter width (HQW):	2.538m
Foot median:	9.072m
ORC Headsail area:	17.148m?
IRC Headsail area:	17.109m?
Surface area:	17.330m?
Forestay height:	9.950m
J:	3.100m

Luff Curve

10.199m,	0.000m
7.649m,	0.044m
5.100m,	0.059m
2.550m,	0.044m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.197m])		Before BSeam
100% (10.199m) :	0.000m	0.000m
90% (9.180m) :	-0.022m	0.014m
80% (8.159m) :	-0.043m	0.029m
70% (7.139m) :	-0.058m	0.045m
60% (6.119m) :	-0.068m	0.057m
50% (5.099m) :	-0.072m	0.063m
40% (4.079m) :	-0.070m	0.062m
30% (3.059m) :	-0.062m	0.055m
20% (2.040m) :	-0.047m	0.041m
10% (1.019m) :	-0.025m	0.020m
0% (0.000m) :	0.000m	0.000m

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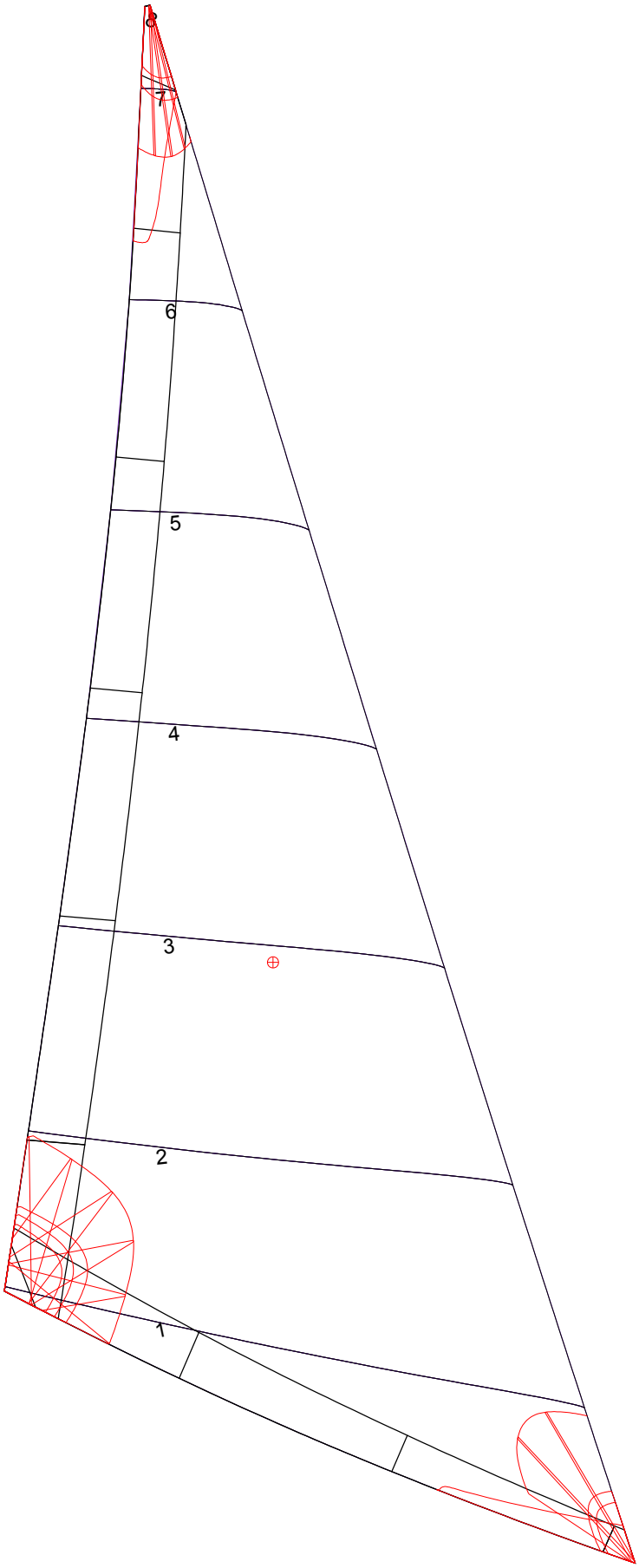

Seam Allowances

	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	13.99
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	17.37	1,2,3,4,5 6,7,8