

Genoa: 6000109 Robert.des

Design Info

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Design File:

E:\Dropbox\Fareast Sails\2022 Order\6000109 Robert\6000109 Robert.des

Initial Design Date: 14/1/2022

Boat:

Comments:

Client:

Design Data

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Genoa

Measurements

Luff geodesic:	9.202m
Leech geodesic:	7.846m
Foot geodesic:	2.867m
Headboard width:	0.035m
Luff perpendicular (HLP):	2.308m
Upper width (HUW):	0.284m
Three-quarter width (HTW):	0.542m
Half width (HHW):	1.106m
Quarter width (HQW):	1.699m
Foot median:	8.521m
ORC Headsail area:	10.394m?
IRC Headsail area:	10.386m?
Surface area:	10.555m?
Forestay height:	9.549m
J:	3.505m

Luff Curve

9.201m,	0.000m
6.901m,	0.039m
4.601m,	0.052m
2.300m,	0.039m
0.000m,	0.000m

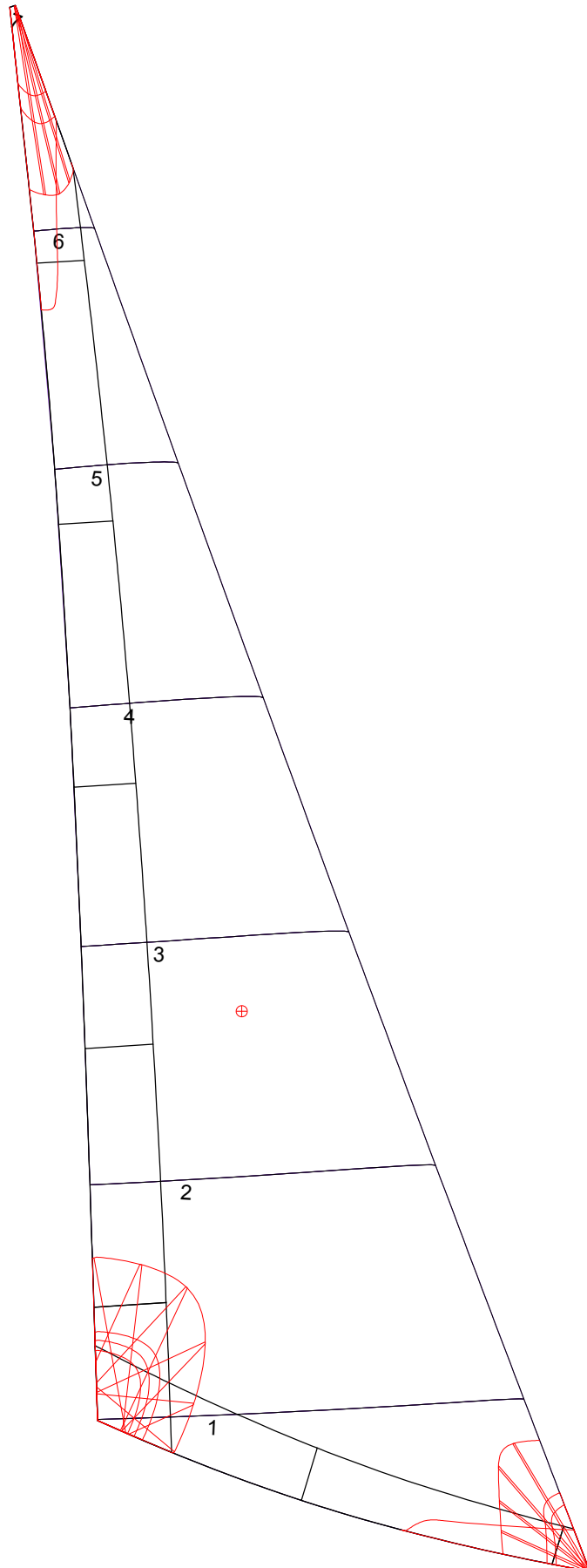
Fanned Luff (@ 5.00% [0.136m])

100% (9.201m) :	0.000m
90% (8.281m) :	-0.018m
80% (7.361m) :	-0.034m
70% (6.441m) :	-0.046m
60% (5.521m) :	-0.054m
50% (4.601m) :	-0.057m
40% (3.680m) :	-0.056m
30% (2.760m) :	-0.050m
20% (1.840m) :	-0.037m
10% (0.919m) :	-0.020m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.001m
-0.000m
0.002m
0.004m
0.005m
0.004m
0.003m
0.002m
0.001m
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	0.050m	0.070m	0.070m
Cover 1	0.050m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	8.20
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	10.59	1,2,3,4,5 6,7