Genoa: 6000314 Andrew.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\6000314 Andrew\6000314 Andrew.des

Comments:

Initial Design Date: 15/4/2022
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	12.145m
Leech geodesic:	10.405m
Foot geodesic:	5.248m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.524m
Upper width (HUW):	0.542m
Three-quarter width (HTW):	1.068m
Half width (HHW):	2.199m
Quarter width (HQW):	3.369m
Foot median:	11.182m
ORC Headsail area:	27.076m?
IRC Headsail area:	27.005m?
Surface area:	27.484m?
Forestay height:	12.730m
J:	3.480m

Luff Curve

12.144m,	0.000m
9.108m,	0.052m
6.073m,	0.069m
3.036m,	0.052m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.247m])		Before BSeam
100% (12.144m) :	-0.000m	-0.000m
90% (10.930m) :	-0.024m	0.017m
80% (9.715m) :	-0.046m	0.034m
70% (8.501m) :	-0.063m	0.051m
60% (7.286m) :	-0.073m	0.065m
50% (6.072m) :	-0.078m	0.071m
40% (4.857m) :	-0.076m	0.069m
30% (3.643m) :	-0.067m	0.060m
20% (2.429m) :	-0.051m	0.043m
10% (1.214m) :	-0.027m	0.021m
0% (0.000m) :	0.000m	0.000m

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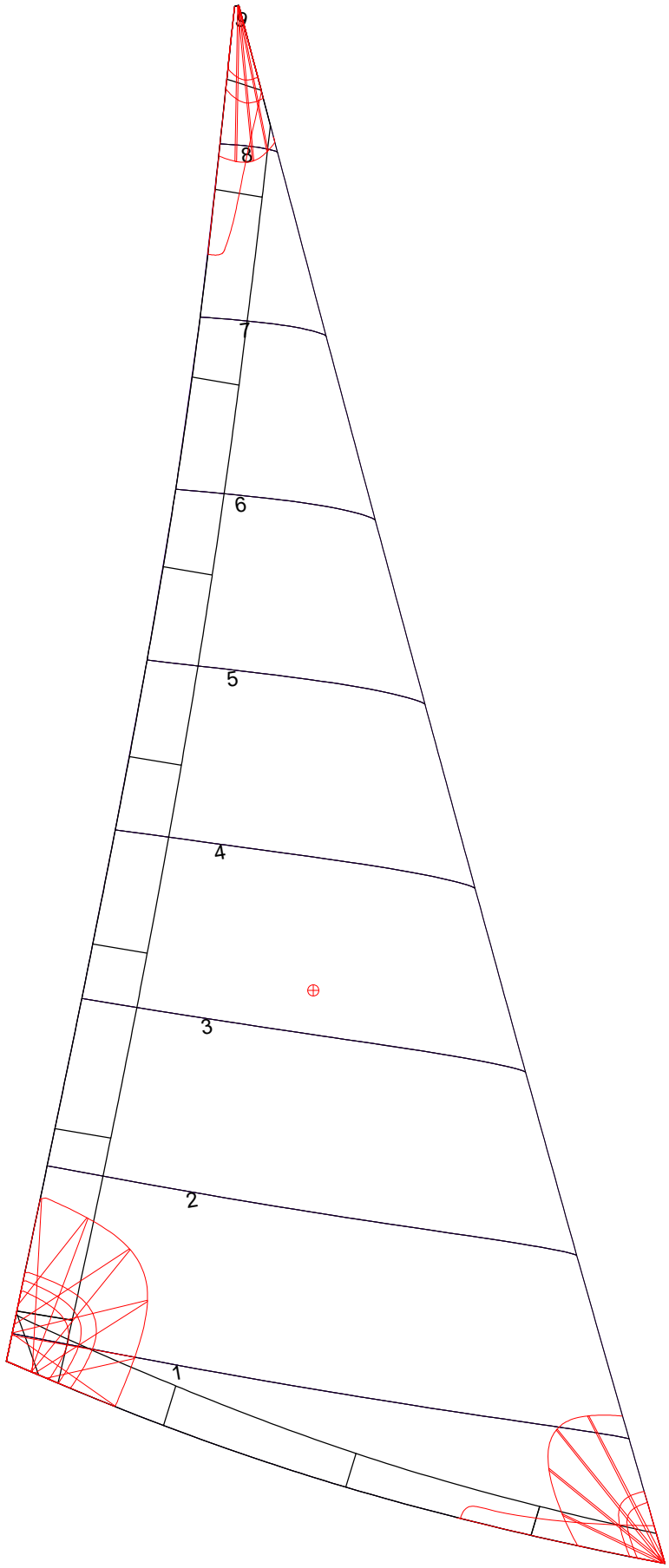

Seam Allowances

	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
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	20.96
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	27.55	1,2,3,4,5 6,7,8,9