

Genoa: 8000621 Antti-2 HeadsailV2.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000621 Antti mai

Initial Design Date: 20/8/2024
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	11.781m
Leech geodesic:	11.500m
Foot geodesic:	5.700m
Headboard width:	0.045m
Luff perpendicular (HLP):	5.487m
Upper width (HUW):	0.605m
Three-quarter width (HTW):	1.214m
Half width (HHW):	2.572m
Quarter width (HQW):	4.016m
Foot median:	11.453m
ORC Headsail area:	31.217m?
IRC Headsail area:	31.093m?
Surface area:	31.412m?
Forestay height:	12.930m
J:	3.850m

Draft Stripes

1, Luff: 3.905m ; Leech: 3.783m ;
2, Luff: 7.803m ; Leech: 7.569m ;

Luff Curve

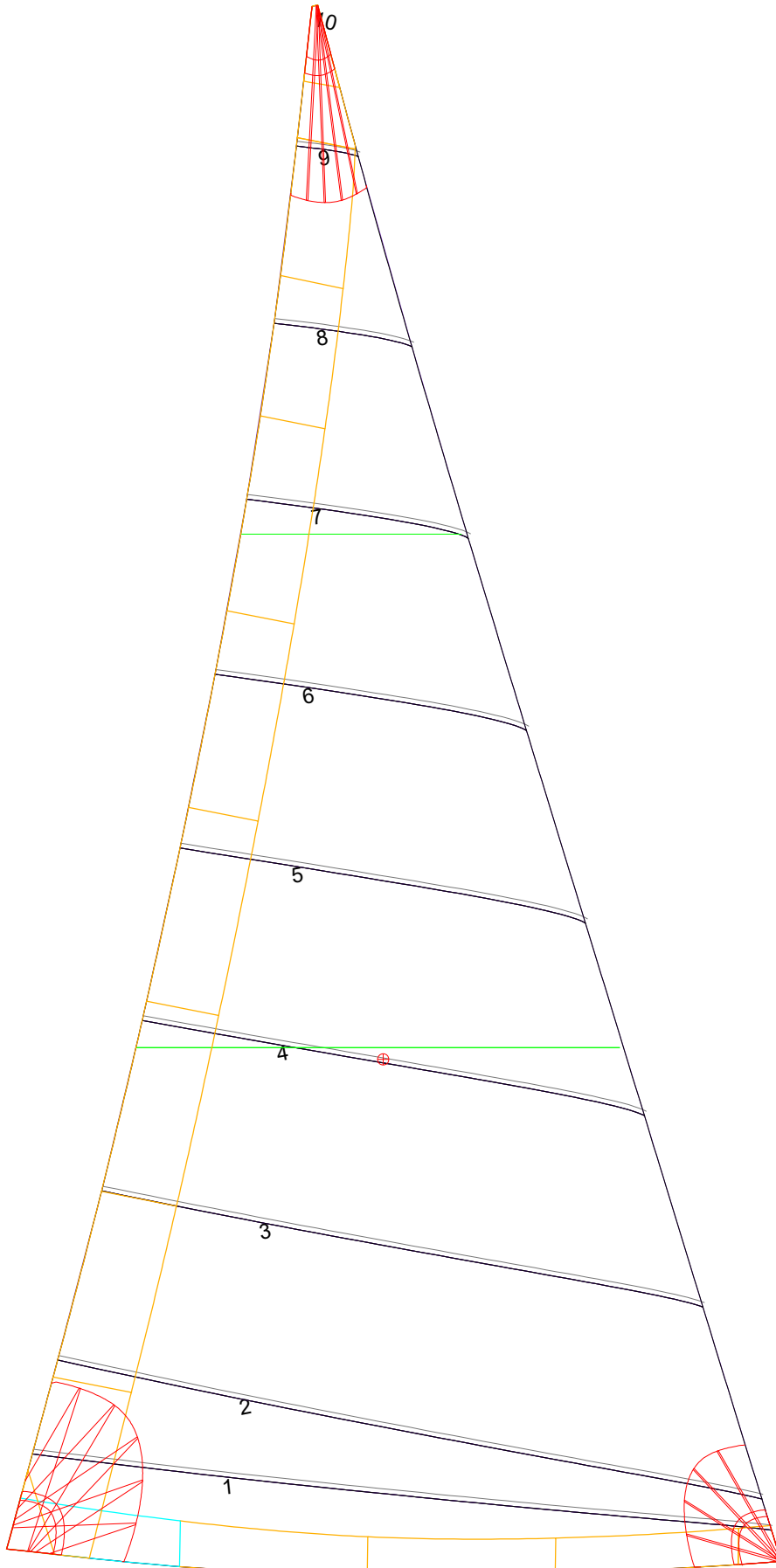
11.779m,	0.000m
10.800m,	0.040m
9.717m,	0.072m
8.765m,	0.089m
7.656m,	0.095m
5.862m,	0.084m
3.828m,	0.057m
1.991m,	0.028m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.281m])

100% (11.779m) :	-0.000m	0.000m
90% (10.600m) :	-0.048m	-0.017m
80% (9.425m) :	-0.079m	-0.019m
70% (8.246m) :	-0.093m	-0.006m
60% (7.068m) :	-0.093m	0.013m
50% (5.890m) :	-0.084m	0.033m
40% (4.712m) :	-0.069m	0.048m
30% (3.534m) :	-0.053m	0.054m
20% (2.356m) :	-0.036m	0.046m
10% (1.177m) :	-0.019m	0.024m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

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

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.070m	0.100m
Cover 1	0.000m	0.070m	0.070m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	28.08
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	31.47	1,2,3,4,5 6,7,8,9,10