

Genoa: 8000621 Antti-2 HeadsailV1.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: 5/7/2024
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	11.484m
Leech geodesic:	11.100m
Foot geodesic:	5.600m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.350m
Upper width (HUW):	0.584m
Three-quarter width (HTW):	1.171m
Half width (HHW):	2.508m
Quarter width (HQW):	3.908m
Foot median:	11.105m
ORC Headsail area:	29.613m?
IRC Headsail area:	29.521m?
Surface area:	29.779m?
Forestay height:	12.930m
J:	3.850m

Draft Stripes

- 1, Luff: 3.806m ; Leech: 3.571m ;
- 2, Luff: 7.606m ; Leech: 7.267m ;

Luff Curve

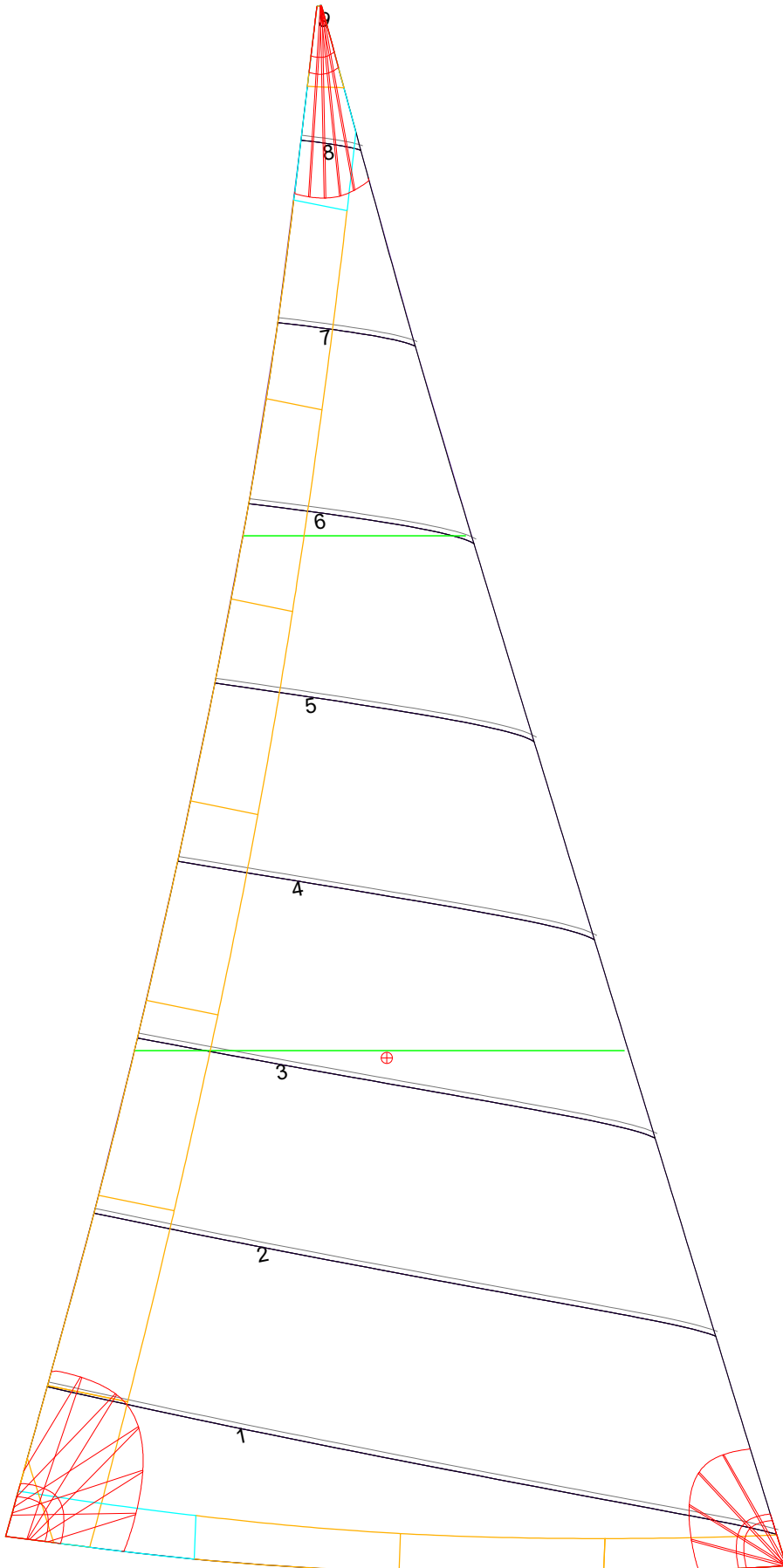
11.482m,	0.000m
10.528m,	0.039m
9.472m,	0.070m
8.544m,	0.087m
7.463m,	0.093m
5.714m,	0.081m
3.732m,	0.055m
1.941m,	0.028m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.275m])

100% (11.482m) :	-0.000m	-0.000m
90% (10.333m) :	-0.044m	-0.015m
80% (9.187m) :	-0.080m	-0.023m
70% (8.038m) :	-0.094m	-0.009m
60% (6.890m) :	-0.091m	0.016m
50% (5.741m) :	-0.082m	0.035m
40% (4.593m) :	-0.068m	0.044m
30% (3.445m) :	-0.052m	0.046m
20% (2.297m) :	-0.035m	0.037m
10% (1.147m) :	-0.018m	0.020m
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	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	22.58
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	29.86	1,2,3,4,5 6,7,8,9