

# Genoa: 8000621 Antti-2 Headsail.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: 3/7/2024  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	12.375m
Leech geodesic:	11.600m
Foot geodesic:	5.600m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.253m
Upper width (HUW):	0.563m
Three-quarter width (HTW):	1.128m
Half width (HHW):	2.434m
Quarter width (HQW):	3.816m
Foot median:	11.824m
ORC Headsail area:	31.133m?
IRC Headsail area:	31.035m?
Surface area:	31.319m?
Forestay height:	12.930m
J:	3.850m

### Draft Stripes

- 1, Luff: 4.101m ; Leech: 3.532m ;
- 2, Luff: 8.196m ; Leech: 7.493m ;

### Luff Curve

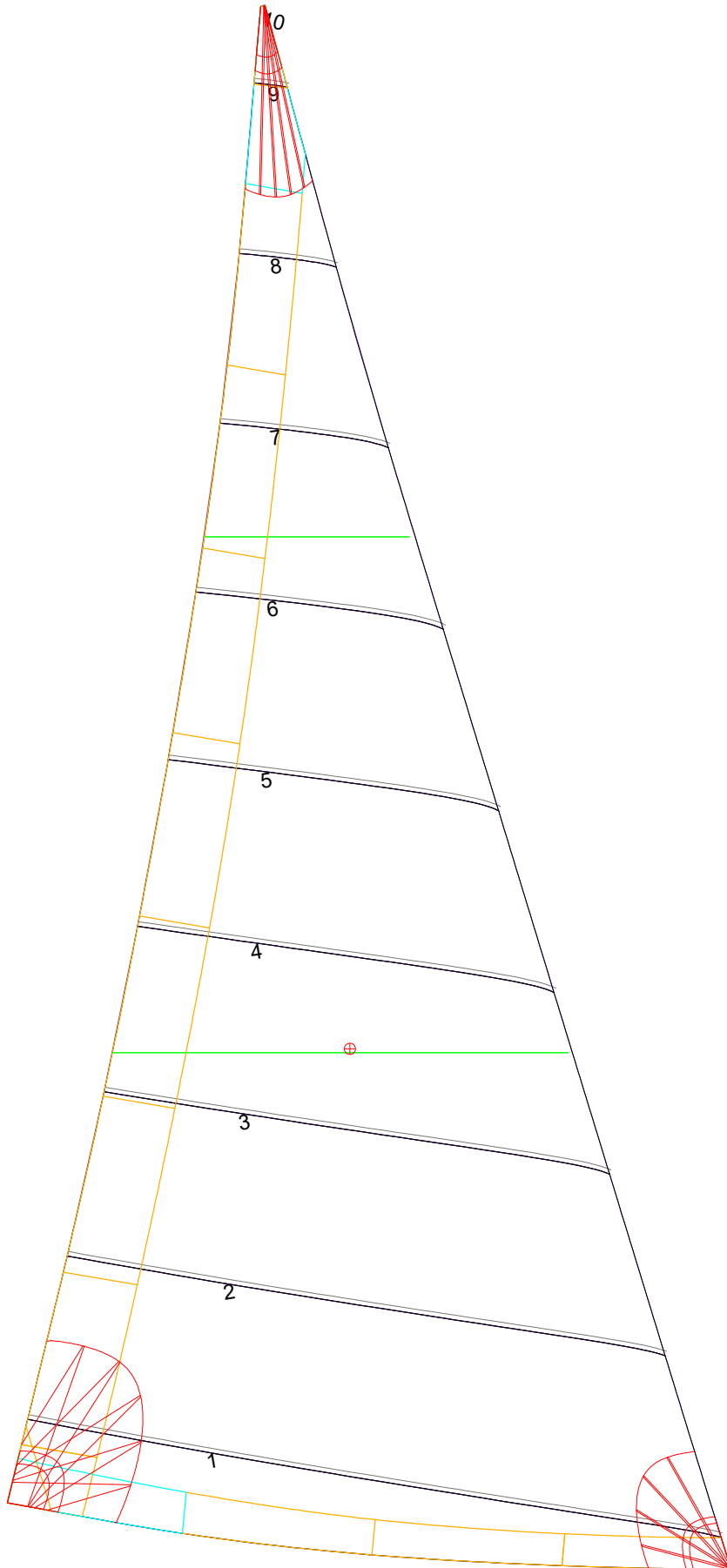
12.373m,	0.000m
11.344m,	0.042m
10.207m,	0.076m
9.206m,	0.093m
8.042m,	0.100m
6.157m,	0.088m
4.021m,	0.060m
2.091m,	0.030m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.274m])

100% (12.373m) :	0.000m	-0.000m
90% (11.134m) :	-0.048m	-0.018m
80% (9.900m) :	-0.088m	-0.029m
70% (8.662m) :	-0.104m	-0.015m
60% (7.424m) :	-0.103m	0.010m
50% (6.187m) :	-0.092m	0.030m
40% (4.949m) :	-0.077m	0.041m
30% (3.712m) :	-0.058m	0.043m
20% (2.475m) :	-0.039m	0.036m
10% (1.237m) :	-0.020m	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

Sail:	Luff	Leech	Foot
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	24.68
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	31.41	1,2,3,4,5 6,7,8,9,10