

# Genoa: 7000919 Anthony-2 Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000919 Anthony\7

Initial Design Date: 4/10/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	6.751m
Leech geodesic:	6.400m
Foot geodesic:	3.040m
Headboard width:	0.035m
Luff perpendicular (HLP):	2.870m
Upper width (HUW):	0.343m
Three-quarter width (HTW):	0.662m
Half width (HHW):	1.346m
Quarter width (HQW):	2.087m
Foot median:	6.473m
ORC Headsail area:	9.392m?
IRC Headsail area:	9.378m?
Surface area:	9.416m?
Forestay height:	7.020m
J:	2.330m

### Draft Stripes

1, Luff: 3.391m ; Leech: 3.163m ;

### Luff Curve

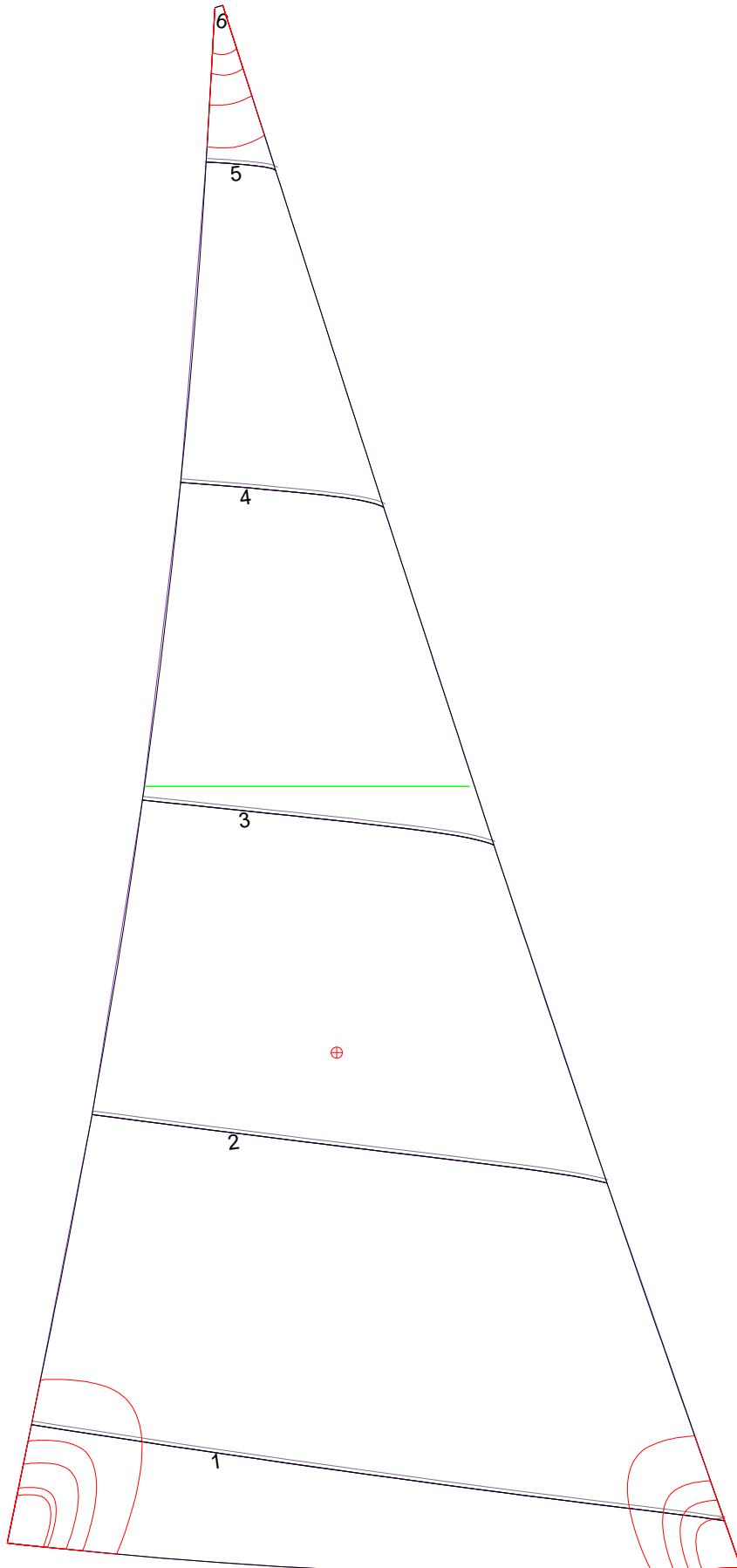
6.750m,	0.000m
5.063m,	0.035m
3.375m,	0.047m
1.688m,	0.035m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.151m])

100% (6.750m) :	0.000m	-0.000m
90% (6.075m) :	-0.012m	0.006m
80% (5.400m) :	-0.027m	0.010m
70% (4.725m) :	-0.038m	0.012m
60% (4.050m) :	-0.045m	0.014m
50% (3.375m) :	-0.049m	0.015m
40% (2.700m) :	-0.049m	0.014m
30% (2.025m) :	-0.044m	0.012m
20% (1.350m) :	-0.033m	0.009m
10% (0.674m) :	-0.018m	0.006m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.015m	0.015m	0.015m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

### Total Seam Lengths (m)

Horizontal	7.83
Radial/Vertical	0.00
Bi-Radial Split	0.00

### Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	9.45	1,2,3,4,5 6