

# Genoa: 7000720 Attila Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000720 Attila\70007

Initial Design Date: 27/7/2023  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	7.600m
Leech geodesic:	7.500m
Foot geodesic:	4.200m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.037m
Upper width (HUW):	0.466m
Three-quarter width (HTW):	0.925m
Half width (HHW):	1.923m
Quarter width (HQW):	2.965m
Foot median:	7.385m
ORC Headsail area:	14.944m?
IRC Headsail area:	14.911m?
Surface area:	15.078m?
Forestay height:	7.800m
J:	2.710m

## Draft Stripes

1, Luff: 2.521m ; Leech: 2.565m ;  
2, Luff: 5.037m ; Leech: 4.983m ;

## Luff Curve

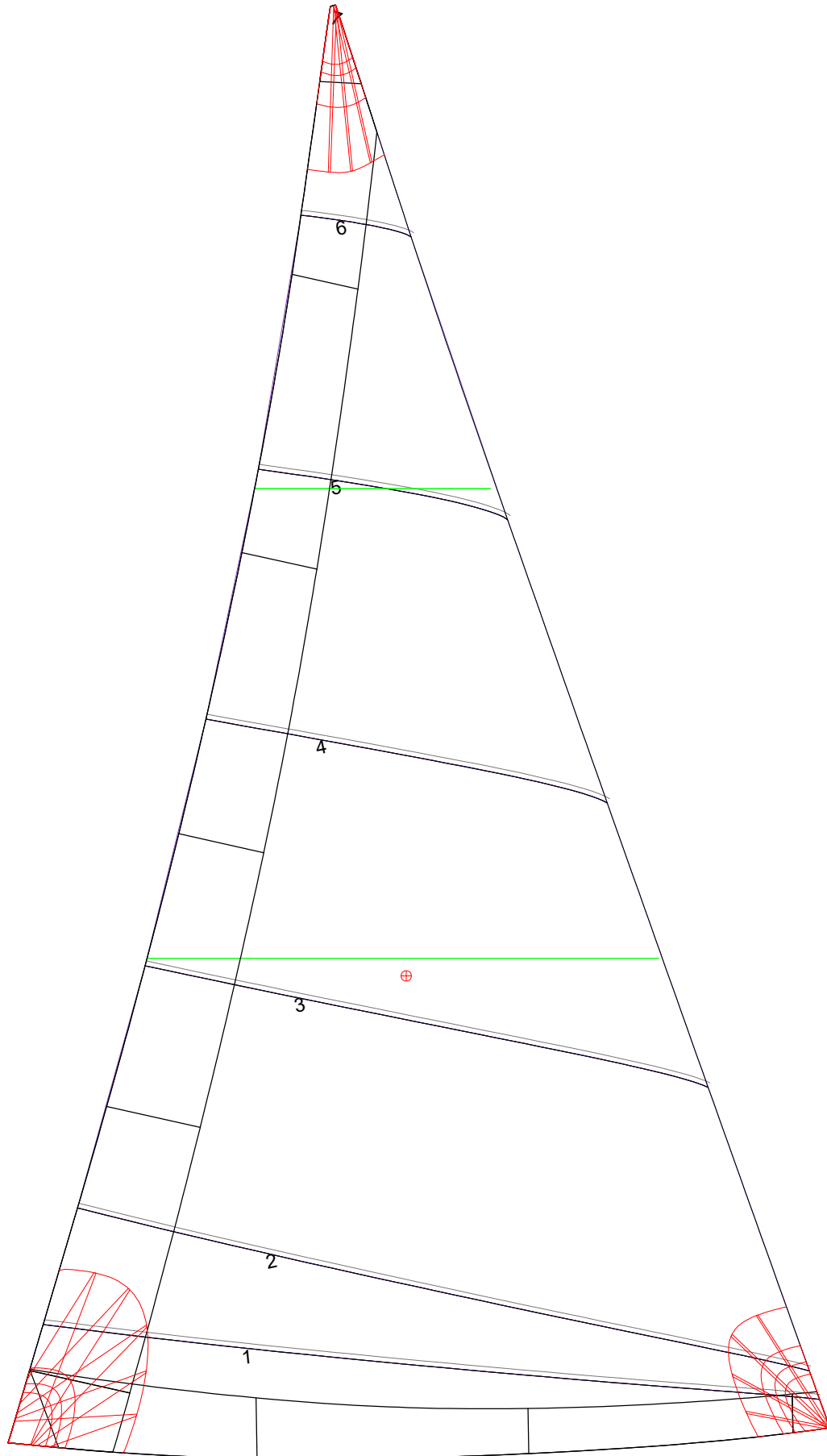
7.599m,	0.000m
6.967m,	0.026m
6.269m,	0.047m
5.654m,	0.057m
4.939m,	0.061m
3.781m,	0.054m
2.470m,	0.037m
1.284m,	0.018m
0.000m,	0.000m

## Fanned Luff (@ 5.00% [0.207m])

100% (7.599m) :	-0.000m	-0.000m
90% (6.838m) :	-0.027m	-0.000m
80% (6.080m) :	-0.049m	0.003m
70% (5.319m) :	-0.058m	0.016m
60% (4.560m) :	-0.058m	0.030m
50% (3.800m) :	-0.054m	0.037m
40% (3.040m) :	-0.045m	0.039m
30% (2.280m) :	-0.035m	0.038m
20% (1.520m) :	-0.024m	0.032m
10% (0.759m) :	-0.013m	0.019m
0% (0.000m) :	0.000m	0.000m

## Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
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	15.00
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	15.13	1,2,3,4,5,6,7