

# Genoa: 7001127 Guillaume Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001127 Guillaume

Initial Design Date: 2/12/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	7.900m
Leech geodesic:	7.670m
Foot geodesic:	3.950m
Headboard width:	0.030m
Luff perpendicular (HLP):	3.786m
Upper width (HUW):	0.422m
Three-quarter width (HTW):	0.841m
Half width (HHW):	1.758m
Quarter width (HQW):	2.758m
Foot median:	7.656m
ORC Headsail area:	14.400m?
IRC Headsail area:	14.347m?
Surface area:	14.498m?
Forestay height:	7.900m
J:	2.500m

### Draft Stripes

- 1, Luff: 2.619m ; Leech: 2.524m ;
- 2, Luff: 5.233m ; Leech: 5.053m ;

### Luff Curve

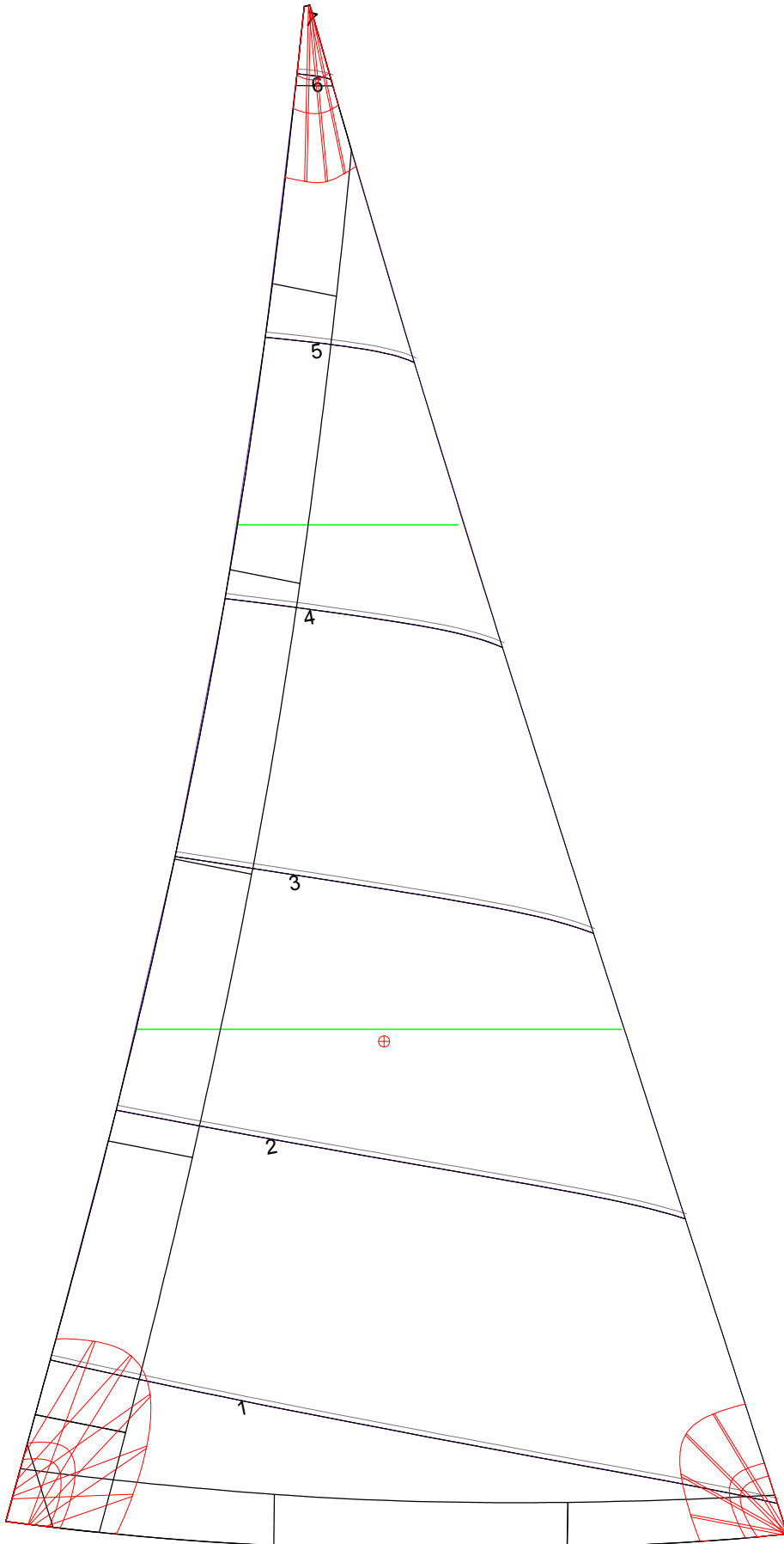
7.898m,	0.000m
7.242m,	0.027m
6.516m,	0.048m
5.877m,	0.060m
5.134m,	0.064m
3.931m,	0.056m
2.567m,	0.038m
1.335m,	0.019m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.193m])

100% (7.899m) :	0.000m	0.000m
90% (7.108m) :	-0.030m	-0.005m
80% (6.320m) :	-0.051m	-0.002m
70% (5.529m) :	-0.062m	0.006m
60% (4.740m) :	-0.062m	0.017m
50% (3.950m) :	-0.057m	0.028m
40% (3.160m) :	-0.048m	0.036m
30% (2.370m) :	-0.037m	0.038m
20% (1.580m) :	-0.025m	0.033m
10% (0.789m) :	-0.013m	0.020m
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	11.43
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	14.53	1,2,3,4,5 6,7