

# Genoa: 8000933 Gabor Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000933 Gabor he

Initial Design Date: 12/11/2024  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	9.617m
Leech geodesic:	8.500m
Foot geodesic:	2.900m
Headboard width:	0.035m
Luff perpendicular (HLP):	2.502m
Upper width (HUW):	0.274m
Three-quarter width (HTW):	0.528m
Half width (HHW):	1.109m
Quarter width (HQW):	1.776m
Foot median:	9.018m
ORC Headsail area:	11.327m?
IRC Headsail area:	11.297m?
Surface area:	11.356m?
Forestay height:	9.045m
J:	2.965m

## Draft Stripes

1, Luff: 3.184m ; Leech: 2.319m ;  
2, Luff: 6.364m ; Leech: 5.352m ;

## Luff Curve

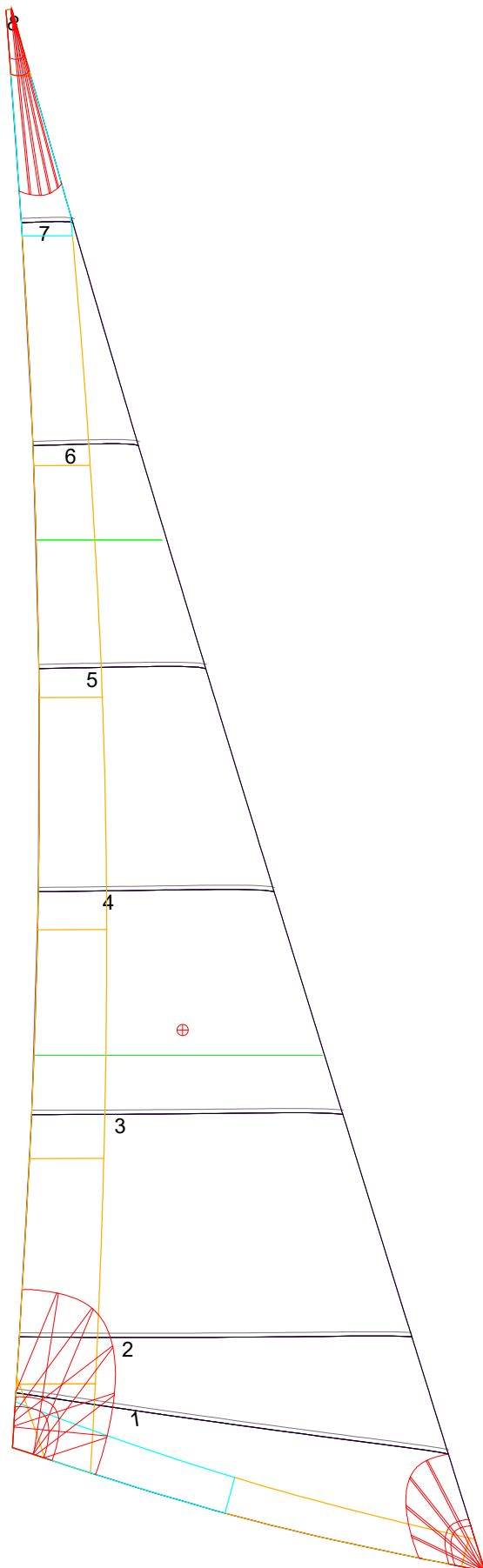
9.616m,	0.000m
8.817m,	0.024m
7.933m,	0.044m
7.155m,	0.054m
6.251m,	0.058m
4.785m,	0.051m
3.125m,	0.034m
1.625m,	0.017m
0.000m,	0.000m

## Fanned Luff (@ 5.00% [0.139m])

100% (9.616m) :	0.000m	0.000m
90% (8.655m) :	-0.027m	-0.007m
80% (7.693m) :	-0.047m	-0.009m
70% (6.732m) :	-0.057m	-0.005m
60% (5.770m) :	-0.059m	0.002m
50% (4.808m) :	-0.054m	0.009m
40% (3.847m) :	-0.046m	0.015m
30% (2.885m) :	-0.036m	0.017m
20% (1.923m) :	-0.024m	0.017m
10% (0.961m) :	-0.013m	0.011m
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	10.40
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	11.40	1,2,3,4,5 6,7,8