

# Genoa: 8000330 Leon-2 HeadsailV2.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000330 Leon Ma

Initial Design Date: 2/5/2024  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	9.800m
Leech geodesic:	9.265m
Foot geodesic:	4.847m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.563m
Upper width (HUW):	0.507m
Three-quarter width (HTW):	1.008m
Half width (HHW):	2.136m
Quarter width (HQW):	3.333m
Foot median:	9.370m
ORC Headsail area:	21.573m?
IRC Headsail area:	21.501m?
Surface area:	21.751m?
Forestay height:	9.050m
J:	3.335m

### Draft Stripes

- 1, Luff: 3.250m ; Leech: 2.921m ;
- 2, Luff: 6.493m ; Leech: 6.031m ;

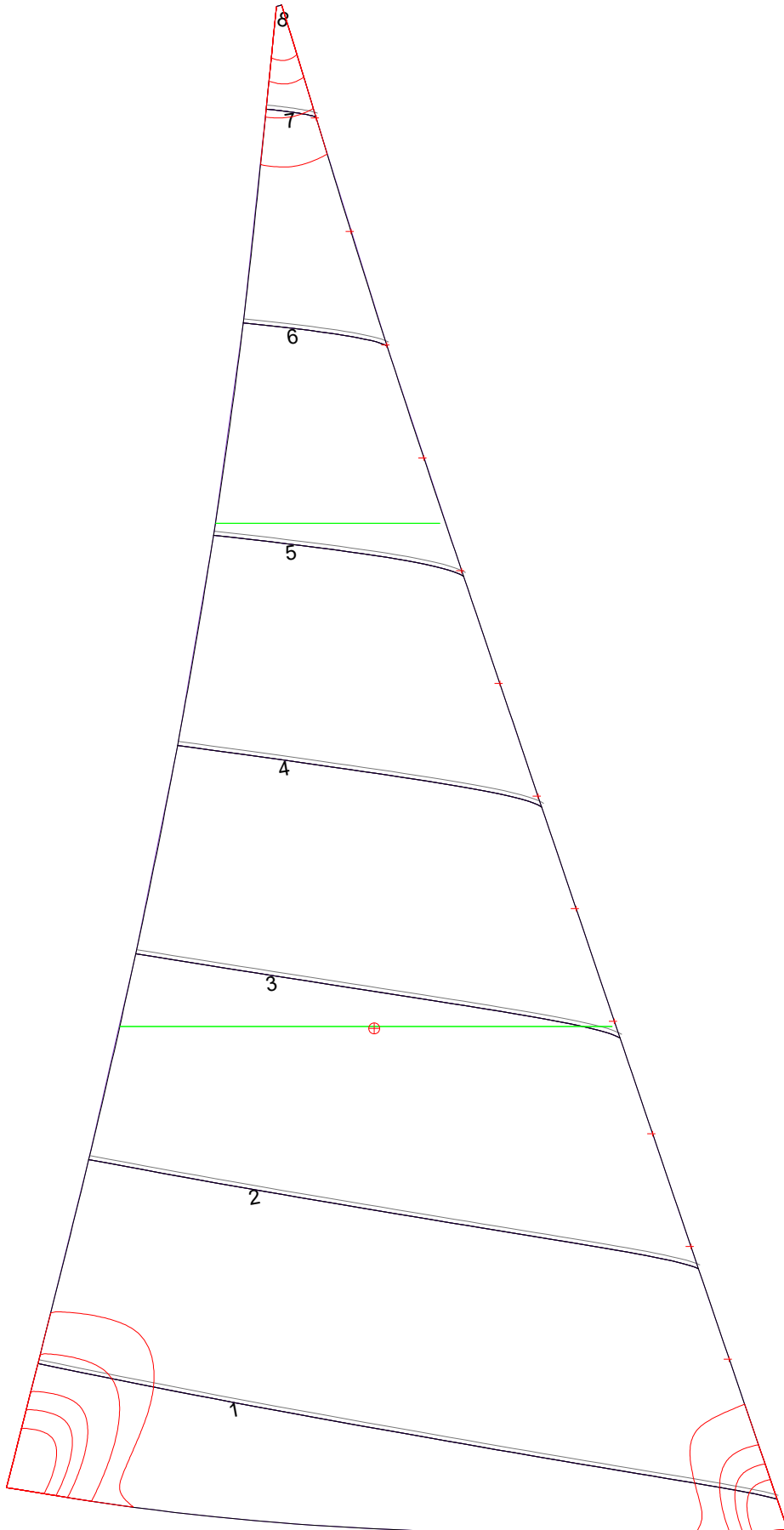
### Luff Slides

- 1, Position: 1.100m
- 2, Position: 1.825m
- 3, Position: 2.551m
- 4, Position: 3.276m
- 5, Position: 4.002m
- 6, Position: 4.727m
- 7, Position: 5.453m
- 8, Position: 6.178m
- 9, Position: 6.904m
- 10, Position: 7.629m
- 11, Position: 8.355m
- 12, Position: 9.080m

### Luff Curve

		Fanned Luff (@ 5.00% [0.238m])	Before BSeam
9.798m,	0.000m	100% (9.798m) :	0.000m
8.984m,	0.033m	90% (8.817m) :	-0.012m
8.083m,	0.060m	80% (7.840m) :	-0.018m
7.291m,	0.074m	70% (6.859m) :	-0.005m
6.369m,	0.079m	60% (5.879m) :	0.016m
4.876m,	0.070m	50% (4.899m) :	0.031m
3.184m,	0.047m	40% (3.920m) :	0.039m
1.656m,	0.024m	30% (2.940m) :	0.041m
0.000m,	0.000m	20% (1.960m) :	0.035m
		10% (0.979m) :	0.019m
		0% (0.000m) :	0.000m

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## Seam Allowances

Zone: 1	Split	Radial	Cross
	0.025m	0.025m	0.025m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	16.98
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	21.82	1,2,3,4,5 6,7,8