

# Genoa: 8000238 LAURENT-3 hanks heavy jib 1 reef.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000238 LAURENT

Initial Design Date: 27/2/2024  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	7.180m
Leech geodesic:	6.000m
Foot geodesic:	3.700m
Headboard width:	0.065m
Luff perpendicular (HLP):	3.119m
Upper width (HUW):	0.384m
Three-quarter width (HTW):	0.725m
Half width (HHW):	1.463m
Quarter width (HQW):	2.270m
Foot median:	6.437m
ORC Headsail area:	10.888m <sup>2</sup>
IRC Headsail area:	10.859m <sup>2</sup>
Surface area:	11.015m <sup>2</sup>
Forestay height:	10.550m
J:	3.950m

## Reefing Points

1, Luff: 0.750m ; Leech: 0.950m ; Offset: 0.000m ; Number Eyelets: 0

## Draft Stripes

1, Luff: 2.382m ; Leech: 1.406m ;  
2, Luff: 4.760m ; Leech: 3.659m ;

## Luff Slides

1, Position: 0.450m  
2, Position: 1.170m  
3, Position: 1.890m  
4, Position: 2.610m  
5, Position: 3.330m  
6, Position: 4.050m  
7, Position: 4.770m  
8, Position: 5.490m  
9, Position: 6.210m  
10, Position: 6.930m

## Luff Curve

7.178m,	0.000m
6.582m,	0.024m
5.922m,	0.044m
5.341m,	0.054m
4.666m,	0.058m
3.572m,	0.051m
2.333m,	0.035m
1.213m,	0.017m
0.000m,	0.000m

## Fanned Luff (@ 5.00% [0.179m])

100% (7.179m) :	-0.000m	-0.000m
90% (6.461m) :	-0.028m	-0.003m
80% (5.743m) :	-0.048m	-0.002m
70% (5.026m) :	-0.059m	0.003m
60% (4.308m) :	-0.061m	0.011m
50% (3.590m) :	-0.057m	0.018m
40% (2.872m) :	-0.048m	0.024m
30% (2.154m) :	-0.037m	0.025m
20% (1.436m) :	-0.025m	0.023m
10% (0.717m) :	-0.013m	0.013m
0% (0.000m) :	0.000m	0.000m

## Before BSeam

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Seam Allowances			
Zone:	Split	Radial	Cross
1	0.035m	0.035m	0.035m

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

Total Seam Lengths (m)

Horizontal	8.92
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	11.03	1,2,3,4,5 6

