

# Genoa: 7000908 Lawrie-2 Lagoon 380 HeadsailV3.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000908 Lawrie\7000908 Lawrie-2 Lagoon 380 HeadsailV3.des

Initial Design Date: 7/10/2023  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	12.700m
Leech geodesic:	11.400m
Foot geodesic:	5.100m
Headboard width:	0.033m
Luff perpendicular (HLP):	4.611m
Upper width (HUW):	0.496m
Three-quarter width (HTW):	0.992m
Half width (HHW):	2.095m
Quarter width (HQW):	3.325m
Foot median:	11.963m
ORC Headsail area:	27.866m <sup>2</sup>
IRC Headsail area:	27.767m <sup>2</sup>
Surface area:	28.178m <sup>2</sup>
Forestay height:	13.130m
J:	3.570m

## Draft Stripes

1, Luff: 3.187m ; Leech: 2.109m ;  
2, Luff: 6.374m ; Leech: 5.218m ;  
3, Luff: 9.549m ; Leech: 8.289m ;

## Luff Curve

12.697m,	0.000m
11.642m,	0.043m
10.475m,	0.078m
9.448m,	0.096m
8.254m,	0.103m
6.319m,	0.090m
4.127m,	0.061m
2.146m,	0.031m
0.000m,	0.000m

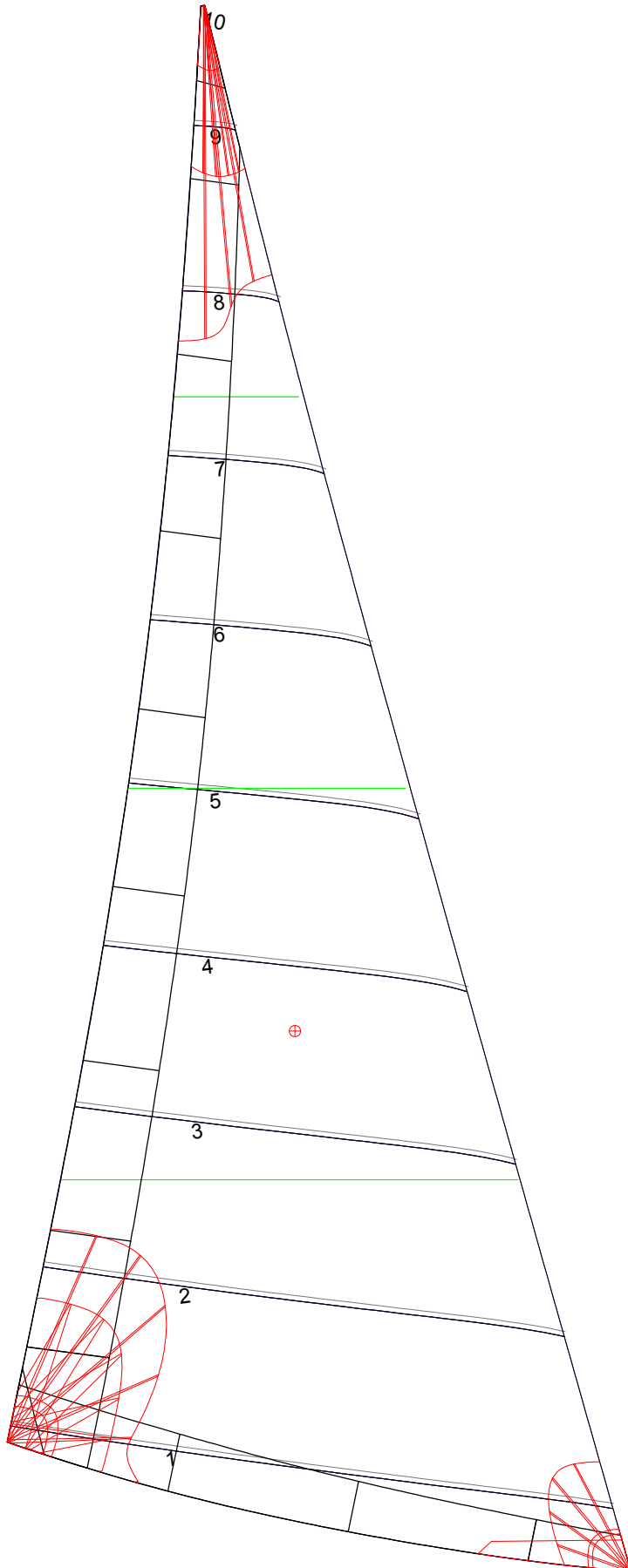
## Fanned Luff (@ 5.00% [0.244m])

100% (12.698m) :	0.000m
90% (11.428m) :	-0.051m
80% (10.159m) :	-0.087m
70% (8.889m) :	-0.105m
60% (7.619m) :	-0.106m
50% (6.349m) :	-0.096m
40% (5.079m) :	-0.080m
30% (3.809m) :	-0.061m
20% (2.540m) :	-0.041m
10% (1.269m) :	-0.021m
0% (0.000m) :	0.000m

## Before BSeam

0.000m
-0.014m
-0.016m
-0.007m
0.009m
0.026m
0.038m
0.044m
0.040m
0.025m
0.000m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.040m	0.040m	0.040m
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

Sail:	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	22.73
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	28.23	1,2,3,4,5 6,7,8,9,10