

# Genoa: 7000908 Lawrie-2 Lagoon 380 HeadsailV1.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 HeadsailV1.des

Initial Design Date: 7/10/2023  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	12.800m
Leech geodesic:	12.661m
Foot geodesic:	5.650m
Headboard width:	0.033m
Luff perpendicular (HLP):	5.503m
Upper width (HUW):	0.601m
Three-quarter width (HTW):	1.207m
Half width (HHW):	2.543m
Quarter width (HQW):	4.004m
Foot median:	12.587m
ORC Headsail area:	33.804m?
IRC Headsail area:	33.676m?
Surface area:	33.948m?
Forestay height:	13.130m
J:	3.570m

## Draft Stripes

1, Luff: 3.213m ; Leech: 3.260m ;  
2, Luff: 6.424m ; Leech: 6.404m ;  
3, Luff: 9.625m ; Leech: 9.511m ;

## Luff Curve

12.798m,	0.000m
11.734m,	0.043m
10.558m,	0.079m
9.523m,	0.097m
8.319m,	0.103m
6.369m,	0.091m
4.159m,	0.062m
2.163m,	0.031m
0.000m,	0.000m

## Fanned Luff (@ 5.00% [0.276m])

100% (12.798m) :	-0.000m
90% (11.517m) :	-0.049m
80% (10.240m) :	-0.083m
70% (8.959m) :	-0.101m
60% (7.679m) :	-0.102m
50% (6.399m) :	-0.093m
40% (5.119m) :	-0.078m
30% (3.839m) :	-0.060m
20% (2.560m) :	-0.041m
10% (1.279m) :	-0.021m
0% (0.000m) :	0.000m

## Before BSeam

0.000m
-0.012m
-0.012m
-0.002m
0.014m
0.031m
0.044m
0.048m
0.042m
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	25.57
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	34.01	1,2,3,4,5 6,7,8,9,10

