

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

Initial Design Date: 7/10/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	12.800m
Leech geodesic:	12.198m
Foot geodesic:	5.650m
Headboard width:	0.033m
Luff perpendicular (HLP):	5.378m
Upper width (HUW):	0.584m
Three-quarter width (HTW):	1.173m
Half width (HHW):	2.473m
Quarter width (HQW):	3.902m
Foot median:	12.354m
ORC Headsail area:	32.951m <sup>2</sup>
IRC Headsail area:	32.830m <sup>2</sup>
Surface area:	33.156m <sup>2</sup>
Forestay height:	13.130m
J:	3.570m

### Draft Stripes

1, Luff: 3.212m ; Leech: 2.784m ;  
2, Luff: 6.424m ; Leech: 5.937m ;  
3, Luff: 9.625m ; Leech: 9.046m ;

### 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

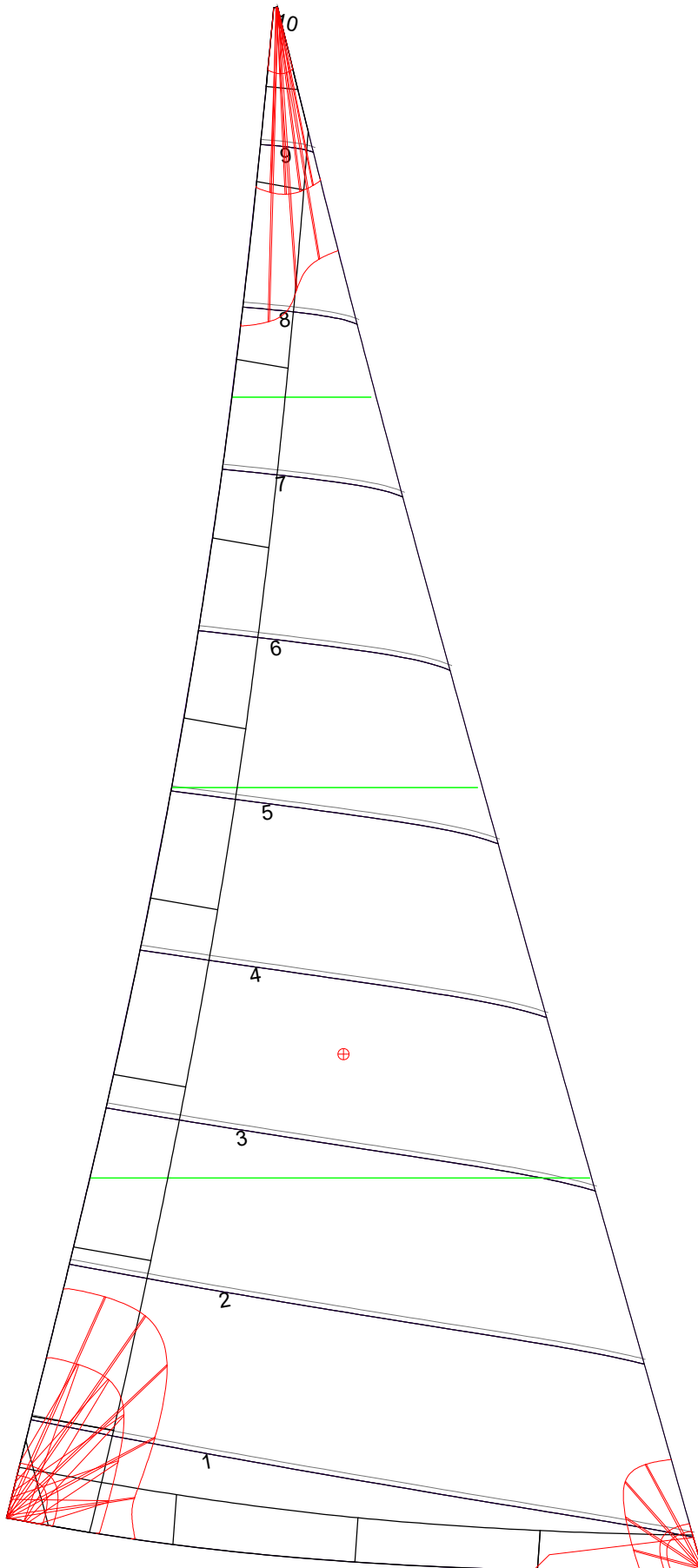
### Fanned Luff (@ 5.00% [0.275m])

100% (12.798m) :	0.000m
90% (11.517m) :	-0.049m
80% (10.240m) :	-0.084m
70% (8.959m) :	-0.102m
60% (7.679m) :	-0.103m
50% (6.399m) :	-0.093m
40% (5.119m) :	-0.078m
30% (3.839m) :	-0.060m
20% (2.560m) :	-0.040m
10% (1.279m) :	-0.020m
0% (0.000m) :	0.000m

### Before BSeam

0.000m
-0.011m
-0.012m
-0.001m
0.015m
0.033m
0.045m
0.050m
0.044m
0.027m
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	25.76
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	33.21	1,2,3,4,5 6,7,8,9,10