

# Genoa: 8000611 Pierre-James-3 Crealock37 furlgen.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000611 Pierre-Ja

Initial Design Date: 12/7/2024  
Boat:  
Crealock 37  
Client:

Comments:

Design Data  
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## Genoa

### Measurements

Luff geodesic: 12.514m  
Leech geodesic: 10.812m  
Foot geodesic: 5.283m  
Headboard width: 0.040m  
Luff perpendicular (HLP): 4.570m  
Upper width (HUW): 0.503m  
Three-quarter width (HTW): 0.990m  
Half width (HHW): 2.097m  
Quarter width (HQW): 3.300m  
Foot median: 11.543m  
ORC Headsail area: 27.322m?  
IRC Headsail area: 27.249m?  
Surface area: 27.625m?  
Forestay height: 12.450m  
J: 4.570m

### Draft Stripes

1, Luff: 4.152m ; Leech: 2.915m ;  
2, Luff: 8.295m ; Leech: 6.781m ;

### Luff Curve

12.511m, 0.000m  
11.472m, 0.042m  
10.322m, 0.076m  
9.310m, 0.093m  
8.133m, 0.100m  
6.226m, 0.087m  
4.066m, 0.059m  
2.115m, 0.030m  
0.000m, 0.000m

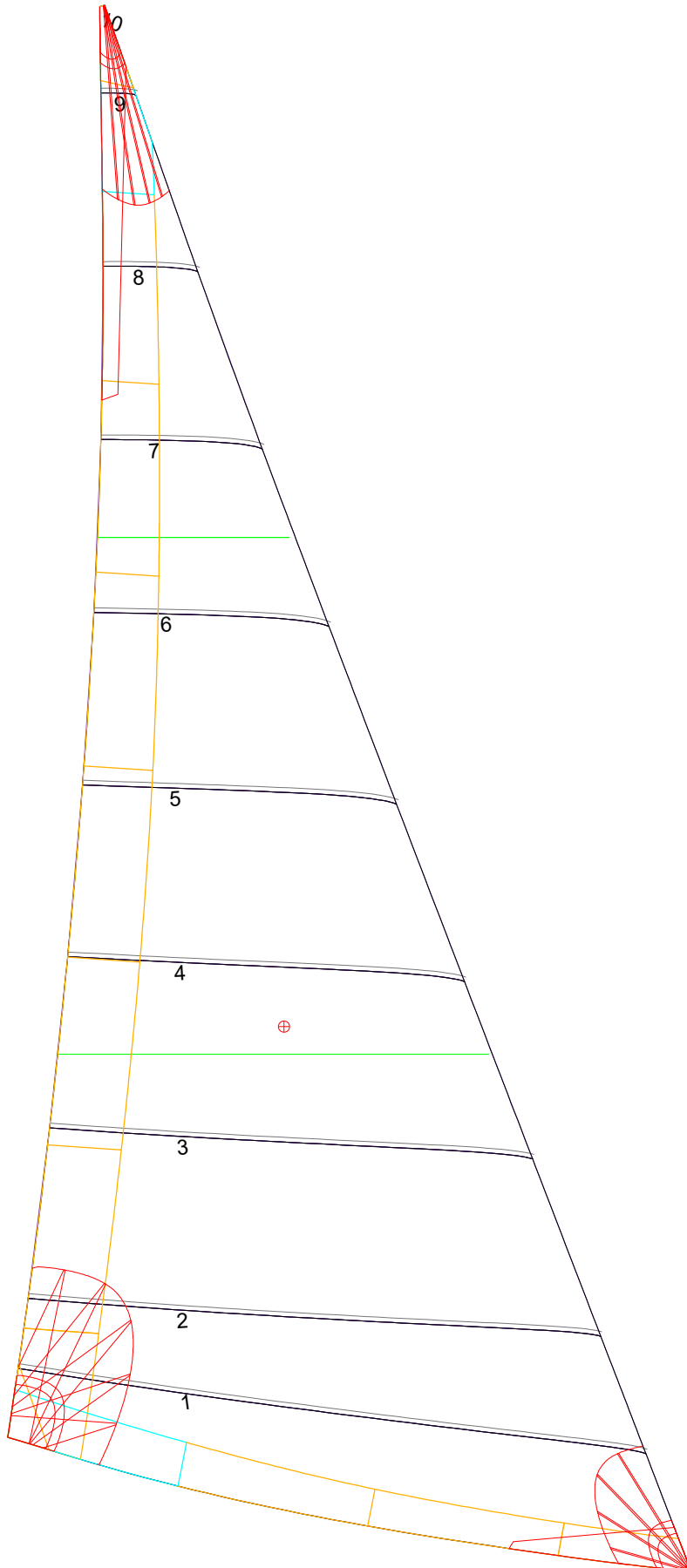
### Fanned Luff (@ 5.00% [0.256m])

100% (12.512m) : 0.000m  
90% (11.260m) : -0.047m  
80% (10.011m) : -0.087m  
70% (8.759m) : -0.105m  
60% (7.508m) : -0.105m  
50% (6.256m) : -0.095m  
40% (5.005m) : -0.079m  
30% (3.754m) : -0.060m  
20% (2.503m) : -0.039m  
10% (1.251m) : -0.019m  
0% (0.000m) : 0.000m

### Before BSeam

0.000m  
-0.013m  
-0.021m  
-0.012m  
0.006m  
0.023m  
0.033m  
0.034m  
0.029m  
0.018m  
0.000m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.035m	0.035m	0.035m
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	22.90
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	27.70	1,2,3,4,5 6,7,8,9,10