

# Genoa: 8000803 Jason-2 Flamence 25 genoaV1.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000803 Jason Fla

Initial Design Date: 13/8/2024  
Boat:  
Flamence 25  
Client:

Comments:

Design Data  
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## Genoa

### Measurements

Luff geodesic: 8.217m  
Leech geodesic: 7.900m  
Foot geodesic: 3.600m  
Headboard width: 0.025m  
Luff perpendicular (HLP): 3.446m  
Upper width (HUW): 0.368m  
Three-quarter width (HTW): 0.743m  
Half width (HHW): 1.592m  
Quarter width (HQW): 2.506m  
Foot median: 7.958m  
ORC Headsail area: 13.559m?  
IRC Headsail area: 13.504m?  
Surface area: 13.626m?  
Forestay height: 8.500m  
J: 2.900m

### Luff Curve

8.215m, 0.000m  
7.533m, 0.029m  
6.778m, 0.052m  
6.113m, 0.063m  
5.340m, 0.068m  
4.088m, 0.060m  
2.670m, 0.041m  
1.389m, 0.020m  
0.000m, 0.000m

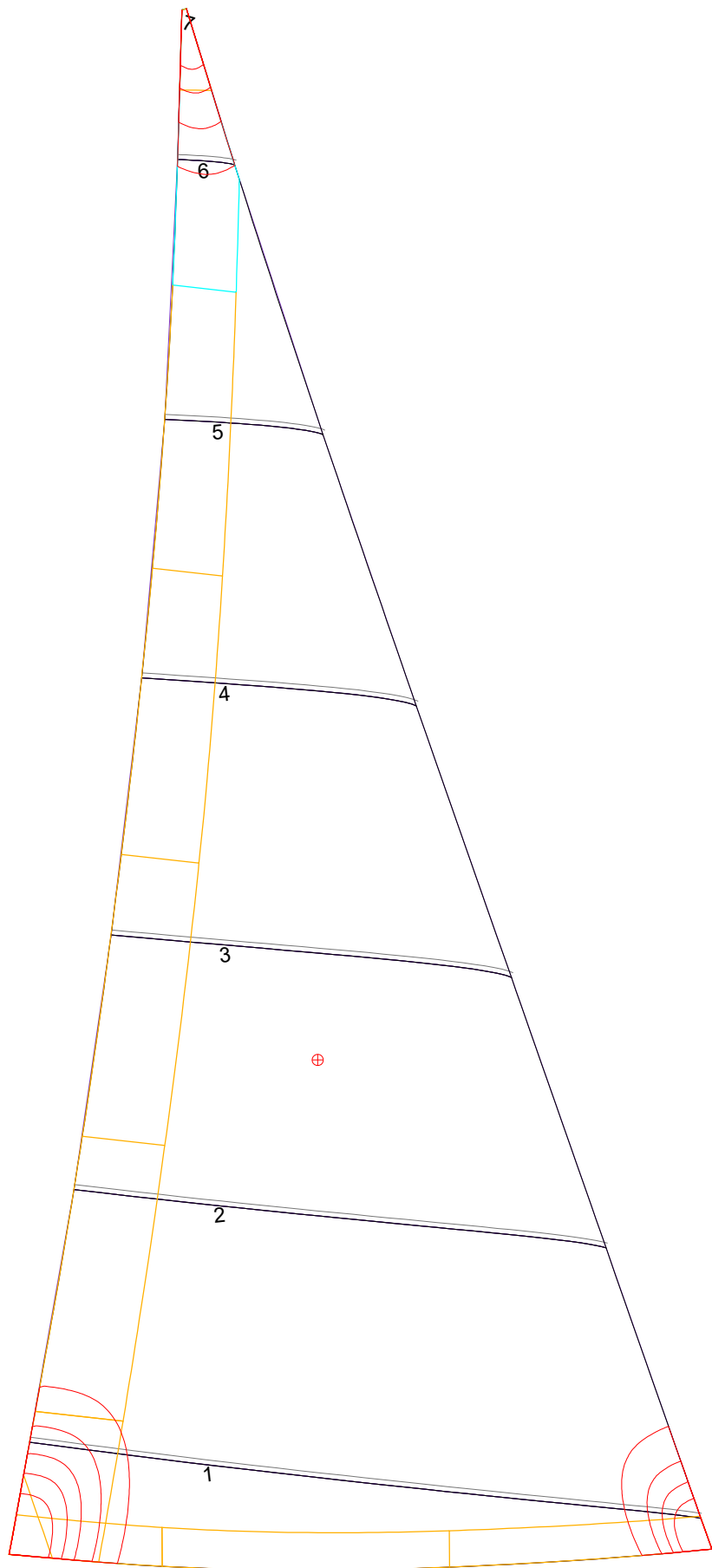
### Fanned Luff (@ 5.00% [0.177m])

100% (8.215m) : 0.000m  
90% (7.393m) : -0.034m  
80% (6.574m) : -0.056m  
70% (5.751m) : -0.066m  
60% (4.930m) : -0.066m  
50% (4.108m) : -0.060m  
40% (3.286m) : -0.049m  
30% (2.465m) : -0.037m  
20% (1.644m) : -0.025m  
10% (0.821m) : -0.013m  
0% (0.000m) : 0.000m

### Before BSeam

-0.000m  
-0.015m  
-0.018m  
-0.011m  
0.001m  
0.015m  
0.025m  
0.031m  
0.027m  
0.014m  
0.000m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.000m	0.000m	0.000m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.025m	0.025m	0.025m

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.070m	0.070m
Cover 1	0.000m	0.070m	0.070m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.070m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	11.03
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	13.66	1,2,3,4,5 6,7