

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

Design Info  
=====

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

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

Comments:

Design Data  
=====

## Genoa

### Measurements

Luff geodesic: 8.415m  
Leech geodesic: 8.100m  
Foot geodesic: 3.550m  
Headboard width: 0.025m  
Luff perpendicular (HLP): 3.405m  
Upper width (HUW): 0.362m  
Three-quarter width (HTW): 0.732m  
Half width (HHW): 1.570m  
Quarter width (HQW): 2.474m  
Foot median: 8.167m  
ORC Headsail area: 13.710m?  
IRC Headsail area: 13.654m?  
Surface area: 13.775m?  
Forestay height: 8.500m  
J: 2.900m

### Luff Curve

8.413m, 0.000m  
7.714m, 0.029m  
6.941m, 0.052m  
6.260m, 0.063m  
5.469m, 0.068m  
4.187m, 0.060m  
2.734m, 0.041m  
1.422m, 0.020m  
0.000m, 0.000m

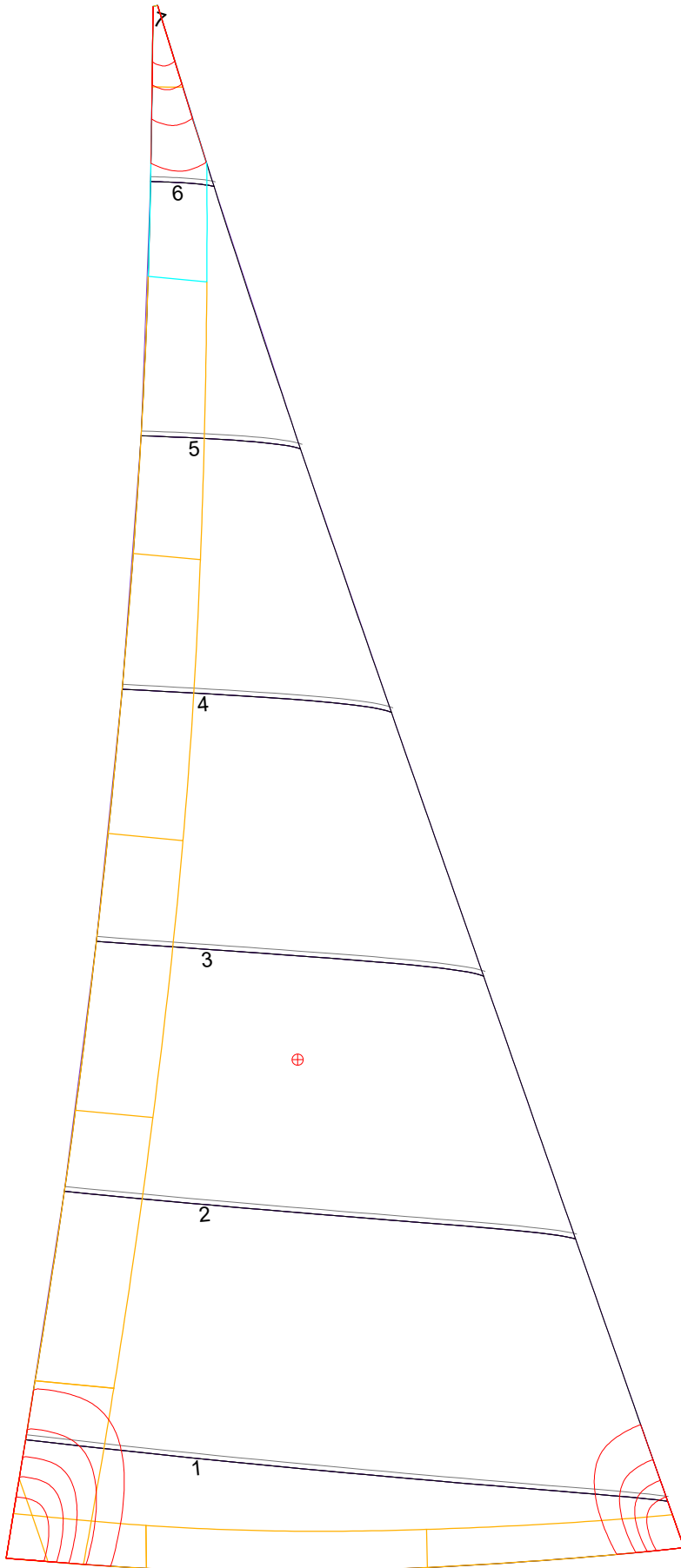
### Fanned Luff (@ 5.00% [0.175m])

100% (8.414m) : 0.000m  
90% (7.571m) : -0.034m  
80% (6.732m) : -0.056m  
70% (5.890m) : -0.066m  
60% (5.049m) : -0.066m  
50% (4.207m) : -0.060m  
40% (3.366m) : -0.049m  
30% (2.524m) : -0.038m  
20% (1.683m) : -0.026m  
10% (0.841m) : -0.014m  
0% (0.000m) : 0.000m

### Before BSeam

0.000m  
-0.015m  
-0.019m  
-0.012m  
0.001m  
0.014m  
0.024m  
0.030m  
0.026m  
0.014m  
0.000m

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



## 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

Sail:	Luff	Leech	Foot
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	10.94
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	13.81	1,2,3,4,5 6,7