

# Genoa: 7000211 Franklin headsail.des

## Design Info

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## Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000211 Franklin\7000211 F

Initial Design Date: 11/4/2023

Boat:

Client:

Comments:

## Design Data

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## Genoa

### Measurements

Luff geodesic:	9.656m
Leech geodesic:	9.004m
Foot geodesic:	2.879m
Headboard width:	0.030m
Luff perpendicular (HLP):	2.678m
Upper width (HUW):	0.285m
Three-quarter width (HTW):	0.557m
Half width (HHW):	1.177m
Quarter width (HQW):	1.893m
Foot median:	9.302m
ORC Headsail area:	12.108m?
IRC Headsail area:	12.080m?
Surface area:	12.124m?
Forestay height:	9.830m
J:	2.819m

### Draft Stripes

1, Luff: 4.842m ; Leech: 4.349m ;

### Luff Curve

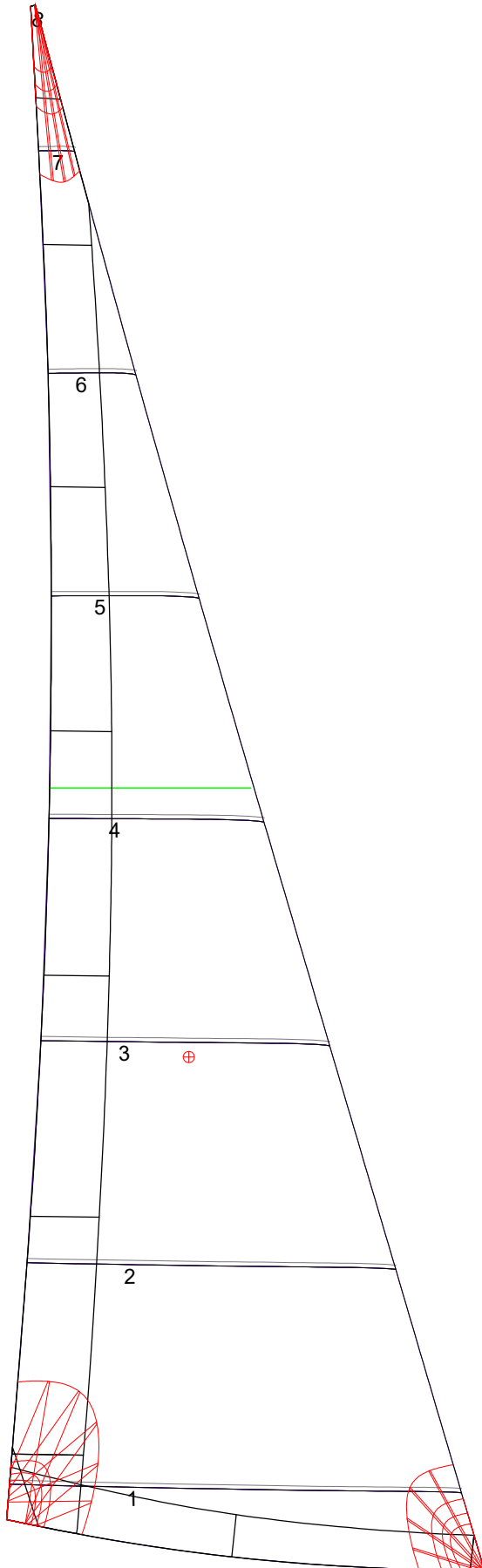
9.655m,	0.000m
8.853m,	0.024m
7.965m,	0.044m
7.184m,	0.054m
6.276m,	0.058m
4.805m,	0.051m
3.138m,	0.035m
1.632m,	0.017m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.142m])

100% (9.655m) :	0.000m	0.000m
90% (8.689m) :	-0.026m	-0.011m
80% (7.725m) :	-0.045m	-0.016m
70% (6.759m) :	-0.054m	-0.017m
60% (5.793m) :	-0.056m	-0.014m
50% (4.828m) :	-0.051m	-0.008m
40% (3.862m) :	-0.042m	-0.003m
30% (2.897m) :	-0.032m	0.001m
20% (1.931m) :	-0.021m	0.004m
10% (0.965m) :	-0.010m	0.004m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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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	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.100m	0.070m
Cover 1	0.070m	0.070m	0.070m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	9.78
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	12.17	1,2,3,4,5 6,7,8