

# Genoa: 7001115 Franck-2 Beneteau First 26 Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001115 Franck\70

Initial Design Date: 13/12/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	9.310m
Leech geodesic:	9.300m
Foot geodesic:	5.200m
Headboard width:	0.026m
Luff perpendicular (HLP):	5.025m
Upper width (HUW):	0.582m
Three-quarter width (HTW):	1.161m
Half width (HHW):	2.393m
Quarter width (HQW):	3.701m
Foot median:	9.158m
ORC Headsail area:	22.820m?
IRC Headsail area:	22.756m?
Surface area:	23.188m?
Forestay height:	9.700m
J:	3.200m

### Draft Stripes

- 1, Luff: 3.087m ; Leech: 3.219m ;
- 2, Luff: 6.162m ; Leech: 6.207m ;

### Luff Curve

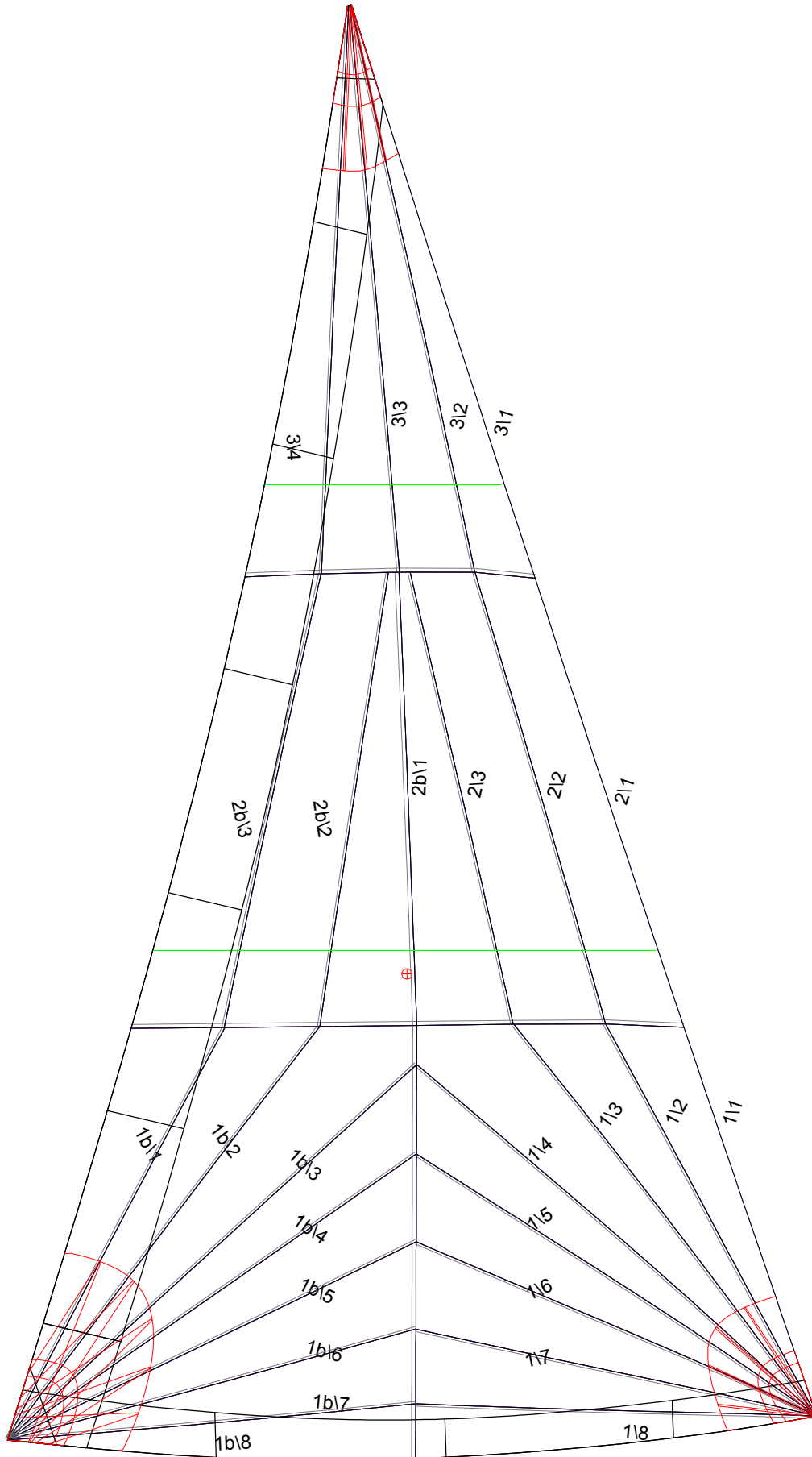
9.309m,	0.000m
7.442m,	0.039m
5.577m,	0.055m
3.715m,	0.050m
1.856m,	0.031m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.254m])

100% (9.309m) :	0.000m	-0.000m
90% (8.377m) :	-0.020m	0.011m
80% (7.448m) :	-0.038m	0.023m
70% (6.516m) :	-0.050m	0.034m
60% (5.586m) :	-0.055m	0.046m
50% (4.655m) :	-0.055m	0.055m
40% (3.724m) :	-0.052m	0.059m
30% (2.792m) :	-0.045m	0.055m
20% (1.862m) :	-0.034m	0.043m
10% (0.930m) :	-0.018m	0.024m
0% (0.000m) :	-0.000m	0.000m

### Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3	0.025m	0.015m	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	0.100m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	5.60
Radial/Vertical	64.46
Bi-Radial Split	5.70

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	23.21	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1b\1,1b\2 1b\3,1b\4,1b\5,1b\6,1b\7 1b\8,2\1,2\2,2\3,2b\1 2b\2,2b\3,3\1,3\2,3\3 3\4