

# Genoa: 7000206 Nicolas 3 batten jib.des

Design Info  
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Design File:  
C:\Users\Administrator\Desktop\0221\7000206 Nicolas 3 batten jib.des

Initial Design Date: 21/2/2023  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	11.300m
Leech geodesic:	10.483m
Foot geodesic:	3.588m
Headboard width:	0.033m
Luff perpendicular (HLP):	3.330m
Upper width (HUW):	0.509m
Three-quarter width (HTW):	0.981m
Half width (HHW):	1.784m
Quarter width (HQW):	2.557m
Foot median:	10.835m
ORC Headsail area:	19.693m <sup>2</sup>
IRC Headsail area:	19.764m <sup>2</sup>
Surface area:	19.876m <sup>2</sup>
Forestay height:	11.290m
J:	3.300m

## Battens

Position	Length	Roach	Angle	Luff	Leech	Full
75.000%	1.026m	0.130m	88.268?	8.572m	7.839m	Full
50.000%	1.083m	0.098m	88.268?	5.852m	5.226m	
25.000%	0.902m	0.042m	88.268?	3.133m	2.613m	

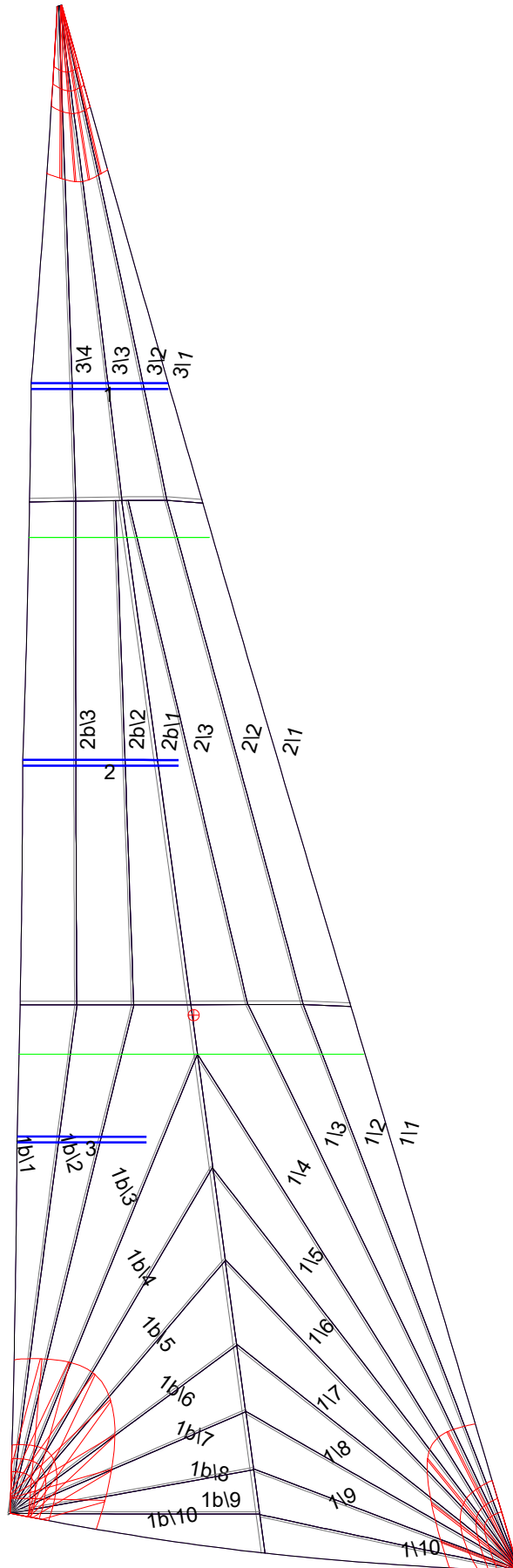
## Draft Stripes

1, Luff: 3.738m ; Leech: 3.190m ;  
2, Luff: 7.473m ; Leech: 6.767m ;

## Luff Curve

		Fanned Luff (@ 5.00% [0.176m])	Before BSeam
11.299m,	0.000m	100% (11.299m) :	0.000m
10.360m,	0.022m	90% (10.169m) :	0.002m
9.322m,	0.040m	80% (9.040m) :	0.006m
8.408m,	0.049m	70% (7.910m) :	0.009m
7.345m,	0.053m	60% (6.780m) :	0.010m
5.623m,	0.046m	50% (5.650m) :	0.014m
3.672m,	0.032m	40% (4.520m) :	0.015m
1.910m,	0.016m	30% (3.390m) :	0.014m
0.000m,	0.000m	20% (2.260m) :	0.012m
		10% (1.130m) :	0.008m
		0% (0.000m) :	0.000m

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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

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	3.66
Radial/Vertical	75.80
Bi-Radial Split	7.58

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	19.91	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 2\1,2\2,2\3,2b\1,2b\2 2b\3,3\1,3\2,3\3,3\4