

# Genoa: 6000308 Francois-Head-V3-0810.des

Design Info  
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Design File:  
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Passed to production\6000308 Francois Jeanneau gin fizz 37\6000308

Initial Design Date: 18/3/2022  
Boat:

Comments:

Client:

Design Data  
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Genoa

Measurements

Luff geodesic: 13.640m  
Leech geodesic: 13.350m  
Foot geodesic: 2.711m  
Headboard width: 0.040m  
Luff perpendicular (HLP): 2.660m  
Upper width (HUW): 0.327m  
Three-quarter width (HTW): 0.626m  
Half width (HHW): 1.275m  
Quarter width (HQW): 1.953m  
Foot median: 13.632m  
ORC Headsail area: 17.749m?  
IRC Headsail area: 17.752m?  
Surface area: 18.017m?  
Forestay height: 13.780m  
J: 2.800m

Reefing Points

1, Luff: 2.547m ; Leech: 2.933m ; Offset: 0.000m ; Number Eyelets: 2

Luff Curve

		Fanned Luff (@ 5.00% [0.134m])	Before BSeam
13.640m,	0.000m	100% (13.640m) :	0.000m
10.230m,	0.000m	90% (12.276m) :	0.015m
6.820m,	0.000m	80% (10.912m) :	0.029m
3.410m,	0.000m	70% (9.548m) :	0.041m
0.000m,	0.000m	60% (8.184m) :	0.050m
		50% (6.820m) :	0.054m
		40% (5.456m) :	0.052m
		30% (4.092m) :	0.046m
		20% (2.728m) :	0.034m
		10% (1.364m) :	0.018m
		0% (0.000m) :	0.000m

Section Data

Position	Camber	Draft	Twist	Entry	Exit	Roach	Fwd Camb	Aft Camb
100.00%	8.233%	41.484%	19.969?	26.952?	-11.648?	0.000m	6.550%	6.125%
80.00%	14.321%	42.559%	15.975?	54.529?	-22.483?	-0.078m	11.289%	10.498%
60.00%	15.000%	42.431%	11.982?	60.132?	-24.691?	-0.120m	11.630%	10.974%
39.99%	13.489%	41.720%	7.987?	58.054?	-22.096?	-0.119m	10.474%	9.858%
20.00%	10.746%	40.663%	3.994?	49.160?	-17.753?	-0.084m	8.438%	7.896%
10.00%	8.805%	40.221%	1.997?	41.215?	-14.909?	-0.049m	6.968%	6.501%
0.00%	6.572%	39.779%	0.000?	31.098?	-11.603?	0.000m	5.244%	4.877%

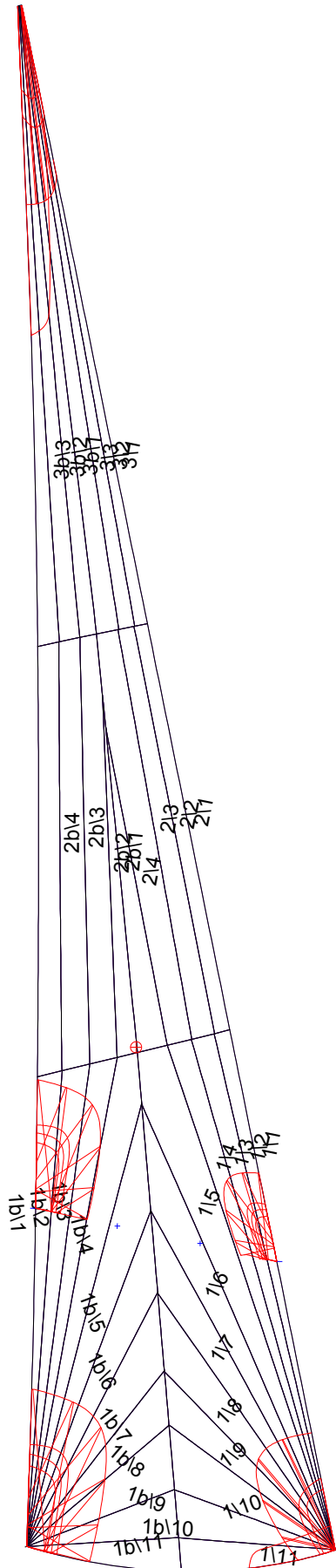
Chord Data

Luff LL : 13.6400m  
Leech : 13.3369m  
Luff Perpendicular : 2.6145m  
Clew Height : 0.0300m  
Headboard width : 0.0400m

Fanned Foot Curve Depths

25.0% 50.0% 75.0%  
0.1499m 0.1946m 0.1405m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3/a	0.038m	0.015m	0.038m
Zone: 3/b	0.038m	0.015m	0.038m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	2.86
Radial/Vertical	102.42
Bi-Radial Split	14.05

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	18.05	1\1, 1\2, 1\3, 1\4, 1\5 1\6, 1\7, 1\8, 1\9, 1\10 1\11, 1b\1, 1b\2, 1b\3, 1b\4 1b\5, 1b\6, 1b\7, 1b\8, 1b\9 1b\10, 1b\11, 2\1, 2\2, 2\3 2\4, 2b\1, 2b\2, 2b\3, 2b\4 3\1, 3\2, 3\3, 3b\1, 3b\2 3b\3