

# Genoa: 6001218 Bill - V1

## Design Info

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## Design File:

F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001218 Bill

Initial Design Date: 29/12/2022

Boat:

Client:

Comments:

## Design Data

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## Genoa

### Measurements

Luff geodesic:	14.600m
Leech geodesic:	13.904m
Foot geodesic:	5.890m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.555m
Upper width (HUW):	0.622m
Three-quarter width (HTW):	1.223m
Half width (HHW):	2.536m
Quarter width (HQW):	3.986m
Foot median:	14.037m
ORC Headsail area:	38.673m?
IRC Headsail area:	38.644m?
Surface area:	38.490m?
Forestay height:	14.630m
J:	4.115m

### Luff Curve

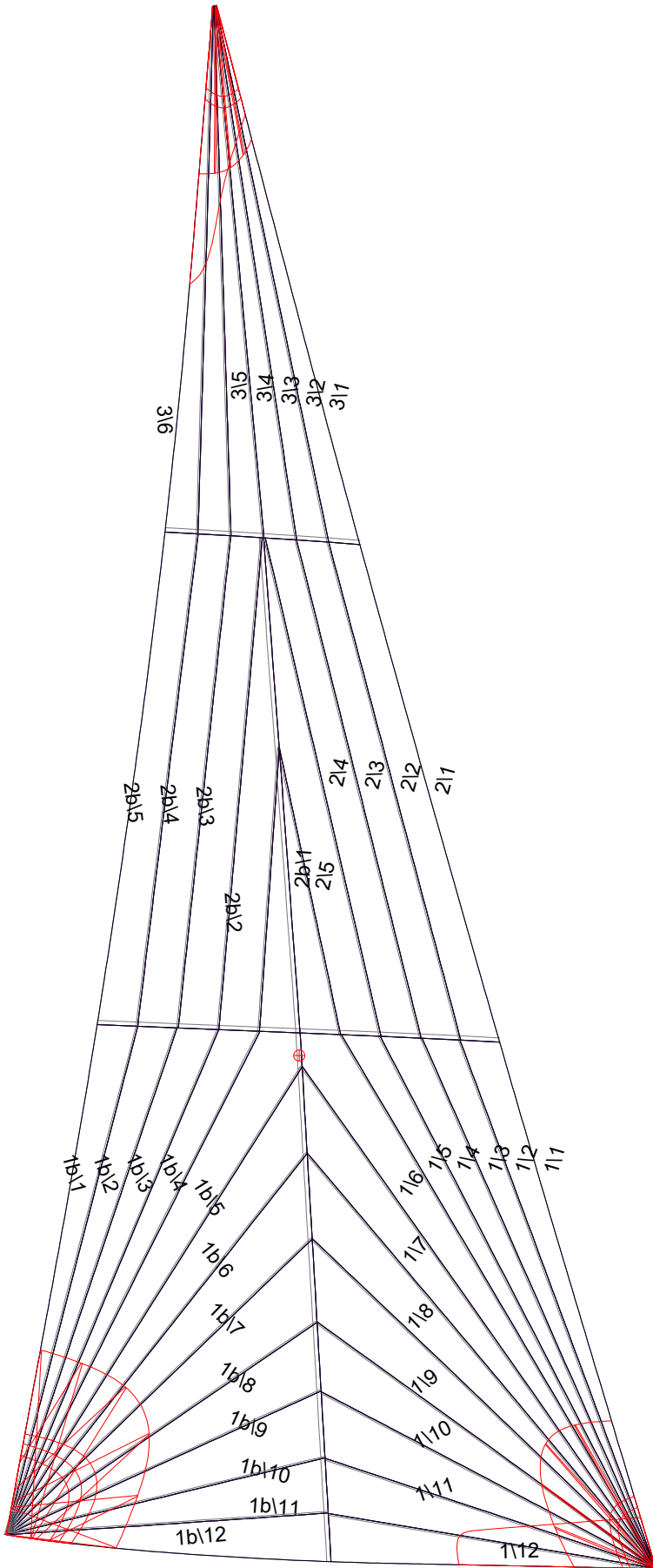
14.599m,	0.000m
10.949m,	0.062m
7.300m,	0.083m
3.650m,	0.062m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.292m])

100% (14.599m) :	-0.000m	0.000m
90% (13.137m) :	-0.027m	-0.022m
80% (11.680m) :	-0.052m	-0.043m
70% (10.219m) :	-0.071m	-0.058m
60% (8.759m) :	-0.081m	-0.067m
50% (7.299m) :	-0.084m	-0.070m
40% (5.839m) :	-0.081m	-0.068m
30% (4.379m) :	-0.071m	-0.060m
20% (2.921m) :	-0.052m	-0.044m
10% (1.458m) :	-0.027m	-0.023m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

	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	0.038m	0.015m	0.038m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	5.45
Radial/Vertical	151.69
Bi-Radial Split	9.56

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	38.70	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,2\1 2\2,2\3,2\4,2\5,2b\1 2b\2,2b\3,2b\4,2b\5,3\1 3\2,3\3,3\4,3\5,3\6