

# Genoa: 6001218 Bill.des

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:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

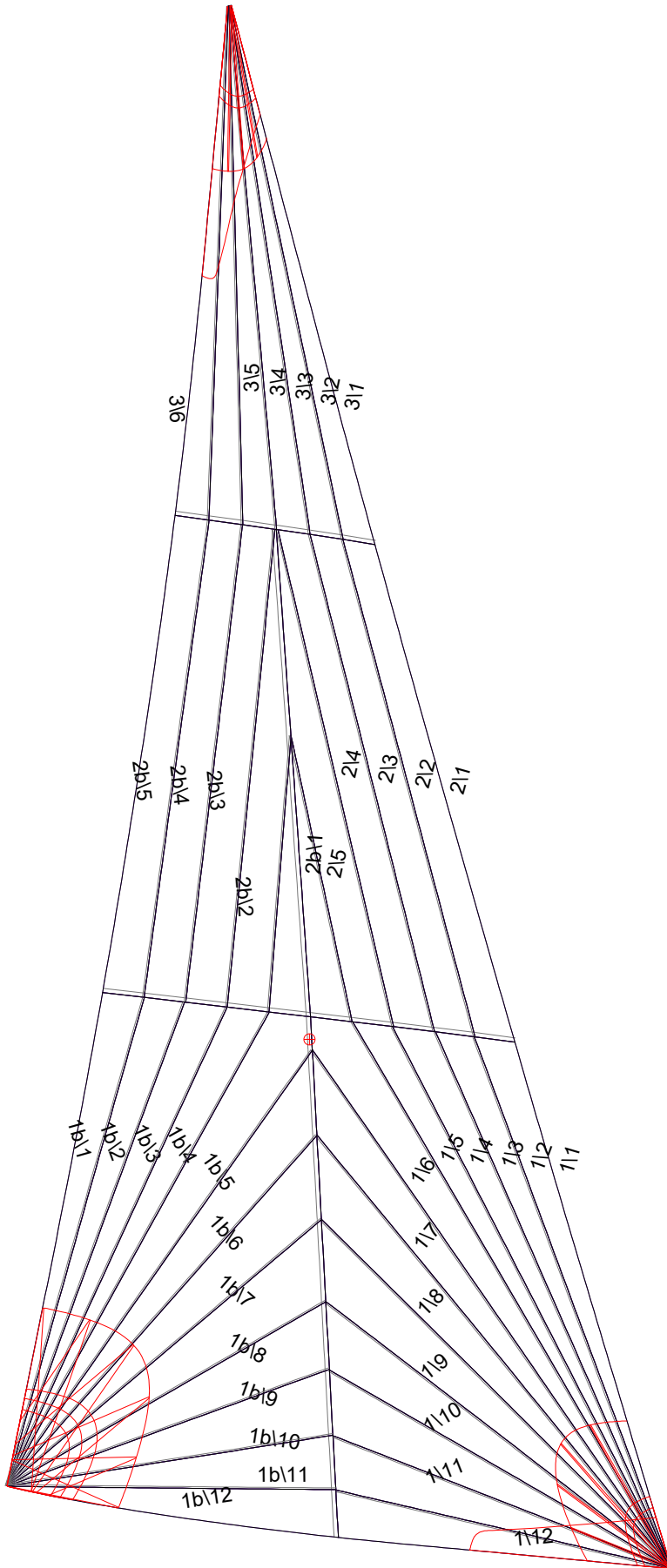
Luff geodesic:	47.900Ft
Leech geodesic:	44.270Ft
Foot geodesic:	19.868Ft
Headboard width:	0.115Ft
Luff perpendicular (HLP):	18.225Ft
Upper width (HUW):	2.047Ft
Three-quarter width (HTW):	4.024Ft
Half width (HHW):	8.336Ft
Quarter width (HQW):	13.089Ft
Foot median:	45.325Ft
ORC Headsail area:	416.689Ft?
IRC Headsail area:	416.373Ft?
Surface area:	415.445Ft?
Forestay height:	48.000Ft
J:	13.500Ft

### Luff Curve

47.896Ft,	0.000Ft
35.922Ft,	0.205Ft
23.951Ft,	0.273Ft
11.974Ft,	0.205Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [0.979Ft])		Before BSeam
100% (47.896Ft) :	-0.000Ft	-0.000Ft
90% (43.101Ft) :	-0.088Ft	-0.071Ft
80% (38.321Ft) :	-0.172Ft	-0.138Ft
70% (33.527Ft) :	-0.235Ft	-0.189Ft
60% (28.738Ft) :	-0.268Ft	-0.217Ft
50% (23.948Ft) :	-0.277Ft	-0.226Ft
40% (19.158Ft) :	-0.267Ft	-0.220Ft
30% (14.367Ft) :	-0.234Ft	-0.194Ft
20% (9.582Ft) :	-0.173Ft	-0.144Ft
10% (4.783Ft) :	-0.088Ft	-0.074Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.125Ft	0.049Ft	0.125Ft
Zone: 1/b	0.125Ft	0.049Ft	0.125Ft
Zone: 2/a	0.125Ft	0.049Ft	0.125Ft
Zone: 2/b	0.125Ft	0.049Ft	0.125Ft
Zone: 3	0.125Ft	0.049Ft	0.125Ft

## Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

## Total Seam Lengths (Ft)

Horizontal	18.41
Radial/Vertical	495.20
Bi-Radial Split	30.87

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	417.68	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