

# Genoa: 7000332 Ben Headsail.des

## Design Info

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## Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000332 Ben\7000332 Ben H

Initial Design Date: 4/4/2023

Boat:

Client:

Comments:

## Design Data

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## Genoa

### Measurements

Luff geodesic:	38.360Ft
Leech geodesic:	36.346Ft
Foot geodesic:	18.130Ft
Headboard width:	0.098Ft
Luff perpendicular (HLP):	17.105Ft
Upper width (HUW):	1.907Ft
Three-quarter width (HTW):	3.800Ft
Half width (HHW):	7.915Ft
Quarter width (HQW):	12.390Ft
Foot median:	36.812Ft
ORC Headsail area:	314.967Ft?
IRC Headsail area:	314.362Ft?
Surface area:	317.015Ft?
Forestay height:	40.420Ft
J:	12.670Ft

### Draft Stripes

1, Luff: 12.717Ft ; Leech: 11.408Ft ;  
2, Luff: 25.411Ft ; Leech: 23.652Ft ;

### Luff Curve

38.352Ft,	0.000Ft
35.165Ft,	0.130Ft
31.640Ft,	0.235Ft
28.538Ft,	0.289Ft
24.930Ft,	0.310Ft
19.085Ft,	0.272Ft
12.464Ft,	0.185Ft
6.483Ft,	0.092Ft
0.000Ft,	0.000Ft

### Fanned Luff (@ 5.00% [0.891Ft])

100% (38.353Ft) :	-0.000Ft	0.000Ft
90% (34.516Ft) :	-0.140Ft	-0.002Ft
80% (30.687Ft) :	-0.243Ft	0.013Ft
70% (26.849Ft) :	-0.295Ft	0.036Ft
60% (23.014Ft) :	-0.303Ft	0.063Ft
50% (19.178Ft) :	-0.278Ft	0.088Ft
40% (15.342Ft) :	-0.231Ft	0.103Ft
30% (11.506Ft) :	-0.174Ft	0.101Ft
20% (7.673Ft) :	-0.114Ft	0.089Ft
10% (3.833Ft) :	-0.056Ft	0.060Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000Ft	0.000Ft	0.082Ft
Cover 1	0.082Ft	0.082Ft	0.082Ft
Cover 2	0.082Ft	0.082Ft	0.082Ft
Cover 3	0.000Ft	0.000Ft	0.000Ft
Cover 4	0.000Ft	0.000Ft	0.000Ft

## Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft
Cover 0	0.230Ft	0.328Ft	0.230Ft
Cover 1	0.230Ft	0.230Ft	0.230Ft
Cover 2	0.000Ft	0.230Ft	0.230Ft
Cover 3	0.000Ft	0.230Ft	0.230Ft

## Total Seam Lengths (Ft)

Horizontal	72.78
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	317.93	1,2,3,4,5 6,7,8,9

