

# Genoa: 8001011 Bill stormjib.des

## Job Number:

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001011 Bill storm

Job No:  
Initial Design Date: 12/10/2024  
Boat:

Comments:

Client:

Design Data  
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Genoa

Measurements

Luff geodesic: 3.950m  
 Leech geodesic: 3.000m  
 Foot geodesic: 2.050m  
 Headboard width: 0.035m  
 Luff perpendicular (HLP): 1.540m  
 Upper width (HUW): 0.180m  
 Three-quarter width (HTW): 0.337m  
 Half width (HHW): 0.702m  
 Quarter width (HQW): 1.110m  
 Foot median: 3.345m  
 ORC Headsail area: 2.912m?  
 IRC Headsail area: 2.899m?  
 Surface area: 2.864m?  
 Forestay height: 11.000m  
 J: 3.600m

Luff Curve

3.949m,	0.000m
3.621m,	0.016m
3.258m,	0.029m
2.938m,	0.036m
2.567m,	0.038m
1.965m,	0.034m
1.283m,	0.023m
0.667m,	0.011m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.093m])

100% (3.949m) :	0.000m
90% (3.554m) :	-0.020m
80% (3.160m) :	-0.037m
70% (2.765m) :	-0.044m
60% (2.370m) :	-0.044m
50% (1.975m) :	-0.040m
40% (1.580m) :	-0.033m
30% (1.185m) :	-0.025m
20% (0.790m) :	-0.017m
10% (0.395m) :	-0.009m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.011m
-0.019m
-0.017m
-0.009m
0.000m
0.007m
0.011m
0.011m
0.008m
0.000m

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Seam Allowances			
	Split	Radial	Cross
Zone: 1	0.038m	0.038m	0.038m
Zone: 2	0.038m	0.038m	0.038m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	3.28
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	2.90	1\1,2\1,2\2,2\3

