

Genoa: 7000703 Doug STDccStormJibSmallV1.des

Job Number:

Design Info

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Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000703 Doug\70007

Comments:

Job No:
Initial Design Date: 5/7/2023
Boat:

Client:

Design Data

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Genoa

Measurements

Luff geodesic: 4.300m
 Leech geodesic: 3.450m
 Foot geodesic: 1.740m
 Headboard width: 0.050m
 Luff perpendicular (HLP): 1.340m
 Upper width (HUW): 0.168m
 Three-quarter width (HTW): 0.298m
 Half width (HHW): 0.610m
 Quarter width (HQW): 0.965m
 Foot median: 3.787m
 ORC Headsail area: 2.770m?
 IRC Headsail area: 2.755m?
 Surface area: 2.724m?
 Forestay height: 11.000m
 J: 3.600m

Luff Curve

4.299m, 0.000m
 3.942m, 0.016m
 3.547m, 0.029m
 3.199m, 0.036m
 2.794m, 0.038m
 2.139m, 0.034m
 1.397m, 0.023m
 0.727m, 0.011m
 0.000m, 0.000m

Fanned Luff (@ 5.00% [0.080m])

100% (4.299m) : 0.000m
 90% (3.869m) : -0.020m
 80% (3.440m) : -0.036m
 70% (3.010m) : -0.043m
 60% (2.580m) : -0.043m
 50% (2.150m) : -0.039m
 40% (1.720m) : -0.033m
 30% (1.290m) : -0.025m
 20% (0.860m) : -0.017m
 10% (0.430m) : -0.008m
 0% (0.000m) : 0.000m

Before BSeam

-0.000m
 -0.012m
 -0.021m
 -0.020m
 -0.013m
 -0.005m
 0.001m
 0.005m
 0.007m
 0.005m
 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	2.71
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	2.76	1\1,2\1,2\2,2\3

