

Genoa: 7000703 Doug STDccStormJibSmall.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\7000703

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

Comments:

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 Slides

- 1, Position: 0.250m
- 2, Position: 0.900m
- 3, Position: 1.550m
- 4, Position: 2.200m
- 5, Position: 2.850m
- 6, Position: 3.500m
- 7, Position: 4.150m

Luff Curve

		Fanned Luff (@ 5.00% [0.080m])	Before BSeam
4.299m,	0.000m	100% (4.299m) :	0.000m -0.000m
3.942m,	0.016m	90% (3.869m) :	-0.020m -0.012m
3.547m,	0.029m	80% (3.440m) :	-0.036m -0.021m
3.199m,	0.036m	70% (3.010m) :	-0.043m -0.020m
2.794m,	0.038m	60% (2.580m) :	-0.043m -0.013m
2.139m,	0.034m	50% (2.150m) :	-0.039m -0.005m
1.397m,	0.023m	40% (1.720m) :	-0.033m 0.001m
0.727m,	0.011m	30% (1.290m) :	-0.025m 0.005m
0.000m,	0.000m	20% (0.860m) :	-0.017m 0.007m
		10% (0.430m) :	-0.008m 0.005m
		0% (0.000m) :	0.000m 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

