

Gaff Sail: 7000511 Geoffrey Square Fore top sail .des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000511 Geoffrey\70

Initial Design Date: 19/8/2019
Boat:

Comments:

Client:

Design Data
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Gaff Low Aspect Ratio

Measurements

Luff Geodesic:	5.836m
Leech Geodesic:	5.836m
Foot Geodesic:	11.330m
Head Geodesic:	7.430m
Diagonal Girth:	10.858m
Foot Median:	5.781m
Girth (50%-50%):	9.279m
Surface Area:	43.104m?

Reefing Points

1, Luff: 0.000m ; Leech: 0.000m ; Offset: 0.000m ; Number Eyelets: 3
2, Luff: 2.938m ; Leech: 2.930m ; Offset: 0.000m ; Number Eyelets: 3
3, Luff: 3.732m ; Leech: 3.722m ; Offset: 0.000m ; Number Eyelets: 0

Luff Curve

		Fanned Luff (@ 5.00% [0.557m])	Before BSeam	
5.834m,	0.000m	100% (5.835m) :	0.000m	-0.000m
4.376m,	0.044m	90% (5.250m) :	-0.018m	-0.029m
2.917m,	0.058m	80% (4.669m) :	-0.035m	-0.058m
1.459m,	0.044m	70% (4.084m) :	-0.048m	-0.082m
0.000m,	0.000m	60% (3.501m) :	-0.054m	-0.099m
		50% (2.917m) :	-0.056m	-0.112m
		40% (2.334m) :	-0.054m	-0.120m
		30% (1.750m) :	-0.048m	-0.124m
		20% (1.168m) :	-0.035m	-0.122m
		10% (0.581m) :	-0.018m	-0.112m
		0% (0.000m) :	0.000m	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.038m	0.038m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.038m	0.038m	0.038m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.000m	0.000m
Cover 1	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	0.00
Radial/Vertical	33.32
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 2	43.11	1,2,3,4,5 6,7,8

