

# Mainsail: 7001218 Antoine-3 Try sailV1.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001218 Antoine\7001218 Antoine-3 Try sailV1.des

Initial Design Date: 30/12/2023  
Boat:

Comments:

Client:

Design Data  
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Main

## Measurements

Luff geodesic:	5.000m
Leech geodesic:	6.000m
Foot geodesic:	2.500m
Head geodesic:	0.060m
Upper width (MUW):	0.340m
Three-quarter width (MTW):	0.636m
Half width (MHW):	1.237m
Quarter width (MQW):	1.829m
Foot median:	5.371m
ORC Mainsail area:	6.223m?
Surface area:	6.044m?
Clew height:	-0.479m
Mast rake:	0.000m

## Luff Slides

- 1, Position: 0.368m
- 2, Position: 0.934m
- 3, Position: 1.506m
- 4, Position: 2.078m
- 5, Position: 2.649m
- 6, Position: 3.221m
- 7, Position: 3.791m
- 8, Position: 4.366m
- 9, Position: 4.880m
- 10, Position: 4.927m

## Luff Curve

		Fanned Luff (@ 5.00% [0.122m])	Before BSeam
5.000m,	0.000m	100% (5.000m) :	0.000m
3.750m,	-0.024m	90% (4.499m) :	0.020m
2.500m,	-0.032m	80% (4.000m) :	0.039m
1.250m,	-0.024m	70% (3.500m) :	0.054m
0.000m,	0.000m	60% (3.000m) :	0.064m
		50% (2.500m) :	0.067m
		40% (2.000m) :	0.063m
		30% (1.500m) :	0.052m
		20% (1.000m) :	0.037m
		10% (0.499m) :	0.017m
		0% (0.000m) :	0.000m

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Seam Allowances			
	Split	Radial	Cross
Zone: 1	0.040m	0.040m	0.040m
Zone: 2	0.040m	0.040m	0.040m

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

### Total Seam Lengths (m)

Horizontal	6.55
Radial/Vertical	0.00
Bi-Radial Split	0.00

### Materials

Material	Area (m <sup>2</sup> )	Panels
8oz p	6.11	1\1, 1\2, 2\1, 2\2, 2\3 2\4

