

Genoa: 7001218 Antoine-2 STJIB.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\70

Initial Design Date: 30/12/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	6.400m
Leech geodesic:	5.100m
Foot geodesic:	2.500m
Headboard width:	0.045m
Luff perpendicular (HLP):	1.889m
Upper width (HUW):	0.227m
Three-quarter width (HTW):	0.423m
Half width (HHW):	0.875m
Quarter width (HQW):	1.372m
Foot median:	5.636m
ORC Headsail area:	5.837m?
IRC Headsail area:	5.812m?
Surface area:	5.759m?
Forestay height:	11.000m
J:	3.600m

Luff Curve

6.399m,	0.000m
5.867m,	0.018m
5.279m,	0.033m
4.761m,	0.041m
4.159m,	0.044m
3.184m,	0.038m
2.080m,	0.026m
1.082m,	0.013m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.114m])

100% (6.399m) :	0.000m
90% (5.759m) :	-0.023m
80% (5.120m) :	-0.042m
70% (4.480m) :	-0.051m
60% (3.840m) :	-0.051m
50% (3.200m) :	-0.047m
40% (2.560m) :	-0.039m
30% (1.920m) :	-0.030m
20% (1.280m) :	-0.020m
10% (0.639m) :	-0.010m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.012m
-0.020m
-0.017m
-0.007m
0.003m
0.010m
0.014m
0.013m
0.009m
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	4.84
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	5.81	1 1,2 1,2 2,2 3,2 4

