

Mainsail: 8000121 Andre-1 Jeanneau Sun Odyssey 44i RFMN.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000121 Andre J

Initial Design Date: 19/2/2024
Boat:

Comments:

Client:

Design Data
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Main

Measurements

Luff geodesic:	15.110m
Leech geodesic:	15.636m
Foot geodesic:	5.250m
Head geodesic:	0.035m
Upper width (MUW):	0.601m
Three-quarter width (MTW):	1.208m
Half width (MHW):	2.522m
Quarter width (MQW):	3.879m
Foot median:	15.205m
ORC Mainsail area:	38.685m?
Surface area:	38.553m?
Clew height:	0.386m
Mast rake:	0.000m

Draft Stripes

1, Luff: 4.983m ; Leech: 4.959m ;
2, Luff: 9.969m ; Leech: 10.252m ;

Luff Curve

		Fanned Luff (@ 5.00% [0.261m])	Before BSeam
15.110m,	0.000m	100% (15.110m) :	0.000m
13.227m,	-0.021m	90% (13.599m) :	0.035m
11.332m,	-0.036m	80% (12.088m) :	0.070m
9.433m,	-0.044m	70% (10.577m) :	0.099m
7.555m,	-0.045m	60% (9.066m) :	0.118m
5.630m,	-0.042m	50% (7.555m) :	0.126m
3.777m,	-0.034m	40% (6.044m) :	0.124m
1.883m,	-0.019m	30% (4.533m) :	0.109m
0.000m,	0.000m	20% (3.022m) :	0.082m
		10% (1.511m) :	0.041m
		0% (0.000m) :	0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.035m	0.035m	0.035m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.070m	0.070m
Cover 1	0.000m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	33.46
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	38.62	1,2,3,4,5 6,7,8,9,10 11,12,13

