

Asymmetric: 8000126 Marko Beneteau First35 Drifter.des

Design Info
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Initial Design Date: 31/1/2024
Boat:
Beneteau First 35 Drifter
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000126 Marko\8000126 Marko

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	14.800m	
Leech length (SLE):	13.481m	
Foot length (SFL):	5.150m	
Headboard Width:	0.020m	
Three-quarter width:	1.234m	Closest Pt: 1.139m
Half width (SHW):	2.547m	Closest Pt: 2.318m
Quarter width:	3.859m	Closest Pt: 3.518m
ORC Area:	36.150m?	
IRC Area:	36.006m?	
Surface Area:	34.895m?	
Hoist height:	14.380m	
J:	4.700m	

Luff Curve

15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.249m])

100% (14.772m) :	0.000m	0.000m
90% (13.293m) :	-0.144m	-0.017m
80% (11.814m) :	-0.270m	-0.021m
70% (10.337m) :	-0.357m	-0.007m
60% (8.861m) :	-0.398m	0.013m
50% (7.385m) :	-0.391m	0.032m
40% (5.909m) :	-0.358m	0.043m
30% (4.433m) :	-0.300m	0.045m
20% (2.956m) :	-0.219m	0.043m
10% (1.478m) :	-0.115m	0.031m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3	0.025m	0.015m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	5.43
Radial/Vertical	99.14
Bi-Radial Split	8.69

Materials

Material	Area (m ²)	Panels
Material 1	34.97	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 2\1,2\2,2\3,2b\1,2b\2 2b\3,3\1,3\2,3\3,3\4

