

Asymmetric: 8000214 Bill Beneteau Figaro2 Codezero.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000214 Bill Bene

Initial Design Date: 27/2/2024
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 13.550m
Leech length (SLE): 12.357m
Foot length (SFL): 6.885m
Headboard Width: 0.015m
Three-quarter width: 2.425m
Half width (SHW): 4.351m
Quarter width: 5.769m
ORC Area: 52.440m?
IRC Area: 52.230m?
Surface Area: 50.550m?
Hoist height: 13.600m
J: 4.050m

Closest Pt: 2.130m
Closest Pt: 3.922m
Closest Pt: 5.290m

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% [0.330m])

100% (13.528m) : 0.000m -0.000m
90% (12.174m) : -0.124m 0.031m
80% (10.821m) : -0.233m 0.078m
70% (9.468m) : -0.306m 0.139m
60% (8.116m) : -0.339m 0.182m
50% (6.764m) : -0.333m 0.201m
40% (5.411m) : -0.304m 0.196m
30% (4.059m) : -0.255m 0.167m
20% (2.707m) : -0.186m 0.132m
10% (1.353m) : -0.098m 0.080m
0% (0.000m) : 0.000m 0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.014m	0.025m
Zone: 1/b	0.025m	0.014m	0.025m
Zone: 2/a	0.025m	0.014m	0.025m
Zone: 2/b	0.025m	0.014m	0.025m
Zone: 3/a	0.025m	0.014m	0.025m
Zone: 3/b	0.025m	0.014m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	8.76
Radial/Vertical	155.44
Bi-Radial Split	13.05

Materials

Material	Area (m ²)	Panels
Material 1	36.21	1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 1b\11,1b\12,2\1,2\2,2\3 2\4,2\5,2b\1,2b\2,2b\3 2b\4,2b\5,3\1,3\2,3\3 3\4,3b\1,3b\2,3b\3,3b\4
Material 2	14.44	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12

