

Asymmetric: 8000214 Bill Beneteau Figaro2 CodezeroV1.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: 5/3/2024
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	42.159Ft	
Leech length (SLE):	38.597Ft	
Foot length (SFL):	22.589Ft	
Headboard Width:	0.049Ft	
Three-quarter width:	7.925Ft	Closest Pt: 6.923Ft
Half width (SHW):	14.265Ft	Closest Pt: 12.822Ft
Quarter width:	18.929Ft	Closest Pt: 17.351Ft
ORC Area:	536.012Ft?	
IRC Area:	533.868Ft?	
Surface Area:	516.955Ft?	
Hoist height:	44.619Ft	
J:	13.287Ft	

Luff Curve

50.853Ft,	0.000Ft
38.140Ft,	0.000Ft
25.427Ft,	0.000Ft
12.713Ft,	0.000Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [1.083Ft])		Before BSeam
100% (42.083Ft) :	0.000Ft	0.000Ft
90% (37.871Ft) :	-0.408Ft	0.097Ft
80% (33.660Ft) :	-0.763Ft	0.252Ft
70% (29.452Ft) :	-1.004Ft	0.453Ft
60% (25.246Ft) :	-1.113Ft	0.595Ft
50% (21.040Ft) :	-1.093Ft	0.658Ft
40% (16.834Ft) :	-0.998Ft	0.642Ft
30% (12.627Ft) :	-0.835Ft	0.546Ft
20% (8.420Ft) :	-0.609Ft	0.432Ft
10% (4.210Ft) :	-0.320Ft	0.262Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.082Ft	0.046Ft	0.082Ft
Zone: 1/b	0.082Ft	0.046Ft	0.082Ft
Zone: 2/a	0.082Ft	0.046Ft	0.082Ft
Zone: 2/b	0.082Ft	0.046Ft	0.082Ft
Zone: 3/a	0.082Ft	0.046Ft	0.082Ft
Zone: 3/b	0.082Ft	0.046Ft	0.082Ft

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

Total Seam Lengths (Ft)

Horizontal	28.80
Radial/Vertical	492.10
Bi-Radial Split	40.63

Materials

Material	Area (Ft ²)	Panels
Material 1	370.30	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	147.64	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12

