

# Asymmetric: 8000311 Sigurd Beneteau First38 Top-down aspinV2-Colors

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000311 Sigurd co

Initial Design Date: 30/3/2024  
Boat:  
Beneteau First38  
Client:

Comments:

Design Data  
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Asymmetric

Measurements

Luff length (SLU):	14.600m	
Leech length (SLE):	12.485m	
Foot length (SFL):	9.690m	
Headboard Width:	0.015m	
Three-quarter width:	4.288m	Closest Pt: 3.306m
Half width (SHW):	7.378m	Closest Pt: 6.272m
Quarter width:	9.027m	Closest Pt: 8.277m
ORC Area:	88.480m?	
IRC Area:	88.126m?	
Surface Area:	88.322m?	
Hoist height:	13.500m	
J:	5.700m	

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% [0.409m])

100% (14.572m) :	-0.000m	0.000m
87% (12.651m) :	-0.108m	0.495m
75% (10.919m) :	-0.241m	0.846m
64% (9.364m) :	-0.342m	1.063m
54% (7.910m) :	-0.388m	1.175m
45% (6.520m) :	-0.396m	1.181m
36% (5.177m) :	-0.377m	1.090m
27% (3.863m) :	-0.329m	0.908m
18% (2.570m) :	-0.243m	0.646m
9% (1.284m) :	-0.125m	0.331m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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## Seam Allowances

	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/a	0.025m	0.015m	0.025m
Zone: 3/b	0.025m	0.015m	0.025m
Zone: 4/a	0.020m	0.020m	0.020m
Zone: 4/b	0.020m	0.020m	0.020m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	23.95
Radial/Vertical	276.05
Bi-Radial Split	14.15

## Materials

Material	Area (m <sup>2</sup> )	Panels
red	30.15	1\1,1\4,1\7,1\10,1\13 1b\3,1b\6,1b\9,1b\12,1b\15 1b\18,2\2,2\5,2b\2,2b\5 2b\8,2b\11,3\3,3\6,3b\3 3b\6,3b\9,4\1,4\4,4b\1 4b\4,4b\7
white	28.16	1\3,1\6,1\9,1\12,1b\2 1b\5,1b\8,1b\11,1b\14,1b\17 2\1,2\4,2\7,2b\3,2b\6 2b\9,3\2,3\5,3b\1,3b\4 3b\7,3b\10,4\3,4b\2,4b\5 4b\8
med blue	30.56	1\2,1\5,1\8,1\11,1\14 1b\1,1b\4,1b\7,1b\10,1b\13 1b\16,2\3,2\6,2b\1,2b\4 2b\7,2b\10,3\1,3\4,3b\2 3b\5,3b\8,4\2,4\5,4b\3 4b\6,4b\9

