

# Asymmetric: 7000909 Alfonso Bavaria 42 Code zero.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000909 Alfonso\7000909 Alfonso

Initial Design Date: 14/9/2023  
Boat:

Comments:

Client:

Design Data  
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## Asymmetric

### Measurements

Luff length (SLU): 17.200m  
Leech length (SLE): 15.391m  
Foot length (SFL): 9.435m  
Headboard Width: 0.005m  
Three-quarter width: 3.305m  
Half width (SHW): 5.955m  
Quarter width: 7.908m  
ORC Area: 90.319m?  
IRC Area: 89.958m?  
Surface Area: 85.799m?  
Hoist height: 17.500m  
J: 5.550m

Closest Pt: 2.828m  
Closest Pt: 5.257m  
Closest Pt: 7.132m

### 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% [0.451m])

100% (17.175m) : 0.000m -0.000m  
90% (15.456m) : -0.151m 0.048m  
80% (13.738m) : -0.283m 0.121m  
70% (12.021m) : -0.371m 0.210m  
60% (10.304m) : -0.411m 0.273m  
50% (8.587m) : -0.404m 0.301m  
40% (6.870m) : -0.370m 0.294m  
30% (5.153m) : -0.310m 0.252m  
20% (3.436m) : -0.226m 0.199m  
10% (1.718m) : -0.119m 0.120m  
0% (0.000m) : 0.000m 0.000m

### Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	0.025m
Zone: 1/b	0.025m	0.016m	0.025m
Zone: 2/a	0.025m	0.016m	0.025m
Zone: 2/b	0.025m	0.016m	0.025m
Zone: 3/a	0.025m	0.016m	0.025m
Zone: 3/b	0.025m	0.016m	0.025m

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	12.11
Radial/Vertical	266.27
Bi-Radial Split	16.22

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	42.11	1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 1b\11,1b\12,1b\13,1b\14,2\1 2\2,2\3,2\4,2\5,2\6 2\7,3b\6,3b\5,3b\4,3b\3 3b\2,3b\1
Material 2	42.46	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1\13,1\14,2b\7 2b\6,2b\5,2b\4,2b\3,2b\2 2b\1,3\1,3\2,3\3,3\4 3\6 3\5
Material 3	1.39	3\6 3\5

