

# Asymmetric: 8000126 Marko Beneteau First35 Drifter170 V2.des

## Design Info

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Initial Design Date: 20/2/2024  
Boat:  
Beneteau First 35 Drifter  
Client:

## Design File:

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

Comments:

## Design Data

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### Asymmetric

#### Measurements

Luff length (SLU): 16.230m  
Leech length (SLE): 13.902m  
Foot length (SFL): 8.225m  
Headboard Width: 0.020m  
Three-quarter width: 1.950m  
Half width (SHW): 4.079m  
Quarter width: 6.184m  
ORC Area: 61.625m?  
IRC Area: 61.378m?  
Surface Area: 58.520m?  
Hoist height: 16.250m  
J: 4.700m

Closest Pt: 1.665m  
Closest Pt: 3.515m  
Closest Pt: 5.396m

#### 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% [0.392m])

100% (16.209m) : 0.000m  
90% (14.588m) : -0.132m  
80% (12.966m) : -0.246m  
70% (11.345m) : -0.324m  
60% (9.725m) : -0.359m  
50% (8.104m) : -0.353m  
40% (6.484m) : -0.324m  
30% (4.863m) : -0.272m  
20% (3.242m) : -0.198m  
10% (1.621m) : -0.105m  
0% (0.000m) : 0.000m

#### Before BSeam

-0.000m  
0.022m  
0.052m  
0.106m  
0.156m  
0.190m  
0.202m  
0.185m  
0.159m  
0.104m  
0.000m

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## Seam Allowances

	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	0.025m	0.014m	0.025m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	8.17
Radial/Vertical	173.01
Bi-Radial Split	9.58

## Materials

Material	Area (m²)	Panels
Material 1	58.65	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\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\4,3\5,3\6

