

# Asymmetric: 7000302 Anders 170code zero.des

## Design Info

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Initial Design Date: 9/3/2023

Boat:

Client:

## Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000302 Anders\7000302 An

Comments:

## Design Data

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### Asymmetric

#### Measurements

Luff length (SLU): 11.760m  
Leech length (SLE): 10.398m  
Foot length (SFL): 6.698m  
Headboard Width: 0.010m  
Three-quarter width: 2.404m  
Half width (SHW): 4.305m  
Quarter width: 5.668m  
ORC Area: 44.162m?  
IRC Area: 43.986m?  
Surface Area: 42.276m?  
Hoist height: 11.620m  
J: 3.940m

Closest Pt: 2.014m  
Closest Pt: 3.739m  
Closest Pt: 5.044m

#### 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% [0.321m])

100% (11.737m) : -0.000m -0.000m  
90% (10.562m) : -0.119m 0.034m  
80% (9.388m) : -0.223m 0.083m  
70% (8.214m) : -0.293m 0.145m  
60% (7.041m) : -0.325m 0.189m  
50% (5.868m) : -0.319m 0.209m  
40% (4.695m) : -0.291m 0.203m  
30% (3.522m) : -0.244m 0.172m  
20% (2.348m) : -0.178m 0.136m  
10% (1.174m) : -0.094m 0.082m  
0% (0.000m) : 0.000m 0.000m

#### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	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

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

## Total Seam Lengths (m)

Horizontal	8.32
Radial/Vertical	183.72
Bi-Radial Split	11.25

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	20.70	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	21.16	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	0.52	3\5

