

Asymmetric: 7001229 Taso-3 Beneteau Oceanis 37 170 CODE 0 .des

Design Info =====

Initial Design Date: 4/6/2024
Boat:
Beneteau Oceanis 37 code0
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\7001229 Taso Ber

Comments:

Design Data =====

Asymmetric

Measurements

Luff length (SLU): 14.780m
Leech length (SLE): 14.179m
Foot length (SFL): 8.330m
Headboard Width: 0.020m
Three-quarter width: 2.865m
Half width (SHW): 5.164m
Quarter width: 6.978m
ORC Area: 69.953m?
IRC Area: 69.674m?
Surface Area: 70.156m?
Hoist height: 14.500m
J: 4.900m

Closest Pt: 2.633m
Closest Pt: 4.846m
Closest Pt: 6.678m

Luff Curve

17.929m, 0.000m
14.343m, 0.281m
10.757m, 0.375m
5.379m, 0.281m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.404m])

100% (14.775m) : 0.000m
90% (13.258m) : -0.070m
80% (11.754m) : -0.121m
69% (10.263m) : -0.147m
59% (8.782m) : -0.158m
49% (7.308m) : -0.155m
40% (5.839m) : -0.140m
30% (4.375m) : -0.114m
20% (2.914m) : -0.081m
10% (1.456m) : -0.042m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.250m
0.373m
0.463m
0.511m
0.519m
0.491m
0.426m
0.325m
0.184m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.040m	0.015m	0.040m
Zone: 1/b	0.040m	0.015m	0.040m
Zone: 2	0.040m	0.015m	0.040m
Zone: 3	0.040m	0.015m	0.040m
Zone: 4	0.040m	0.015m	0.040m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	16.25
Radial/Vertical	163.16
Bi-Radial Split	4.53

Materials

Material	Area (m ²)	Panels
Material 1	70.06	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1b\1,1b\2,1b\3,1b\4 1b\5,1b\6,1b\7,1b\8,1b\9 1b\10,1b\11,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9,2\10,3\1,3\2,3\3 3\4,3\5,3\6,3\7,3\8 4\1,4\2,4\3,4\4,4\5 4\6

