

Asymmetric: 8000611 Pierre-James-7 Crealock37 A3 spinnaker.des

Design Info

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Initial Design Date: 9/8/2024
Boat:
Crealock37
Client:

Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000611 Pierre-Ja

Comments:

Design Data

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Asymmetric

Measurements

Luff length (SLU): 12.640m
Leech length (SLE): 11.431m
Foot length (SFL): 7.770m
Headboard Width: 0.015m
Three-quarter width: 3.571m
Half width (SHW): 6.068m
Quarter width: 7.301m
ORC Area: 64.277m?
IRC Area: 64.020m?
Surface Area: 67.545m?
Hoist height: 11.950m
J: 4.570m

Closest Pt: 3.103m
Closest Pt: 5.597m
Closest Pt: 7.140m

Luff Curve

15.500m, 0.000m
11.625m, 0.000m
7.750m, 0.000m
3.875m, 0.000m
0.000m, 0.000m

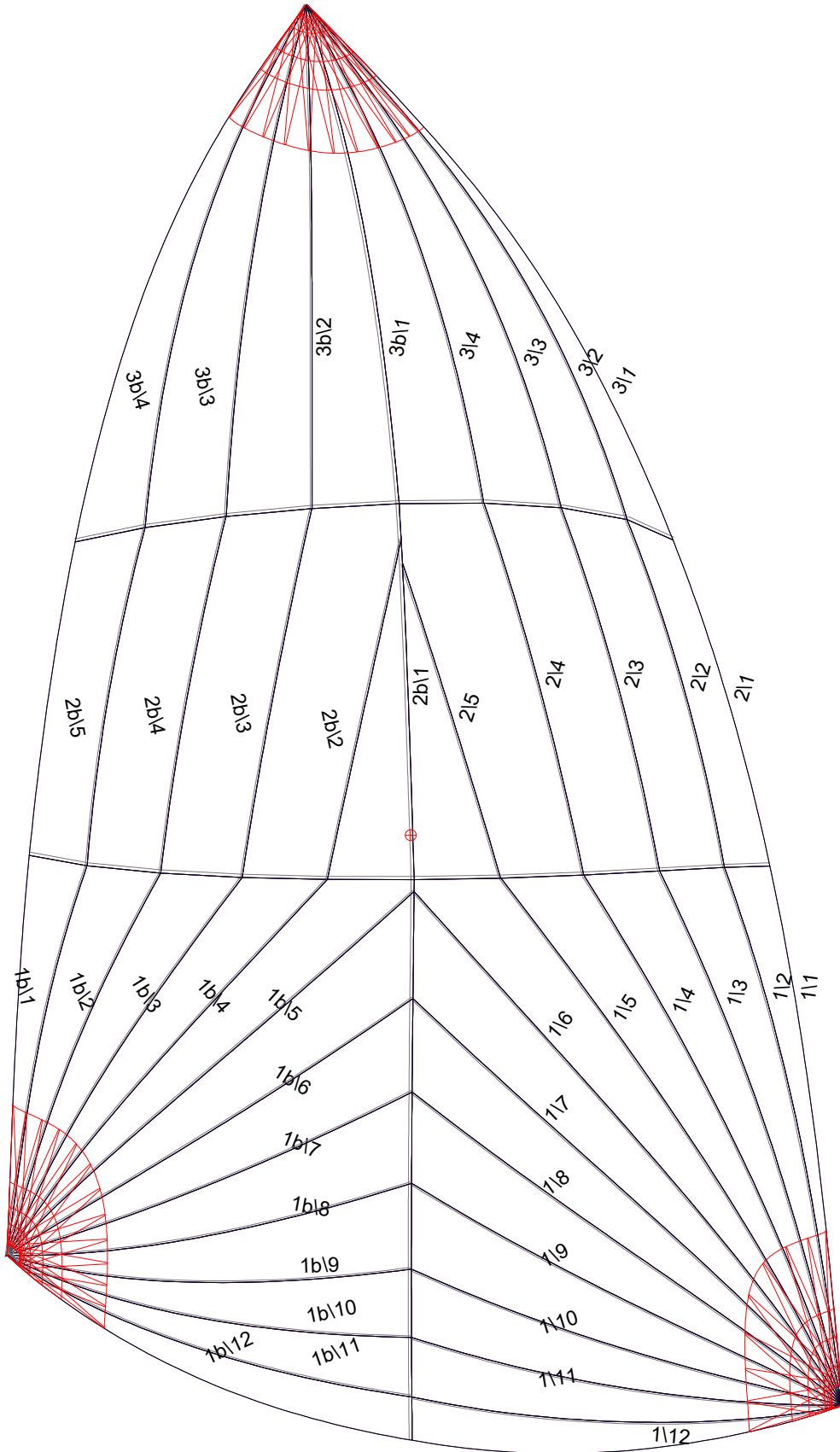
Fanned Luff (@ 5.00% [0.335m])

100% (12.537m) : 0.000m
87% (10.946m) : -0.219m
76% (9.506m) : -0.437m
65% (8.210m) : -0.600m
56% (6.985m) : -0.684m
46% (5.800m) : -0.707m
37% (4.640m) : -0.680m
28% (3.489m) : -0.604m
19% (2.336m) : -0.465m
9% (1.173m) : -0.254m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.895m
1.448m
1.594m
1.618m
1.535m
1.357m
1.095m
0.770m
0.401m
0.000m

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Seam Allowances

Zone:	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/a	0.025m	0.014m	0.025m
Zone: 3/b	0.025m	0.014m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	12.58
Radial/Vertical	156.21
Bi-Radial Split	12.96

Materials

Material	Area (m ²)	Panels
Material 1	49.64	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\4,3b\1,3b\2,3b\3,3b\4
Material 2	17.74	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12