

Asymmetric: ORC Code Zero.des

Design Info
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Design File:
D:\dropbox\Dropbox\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000109 Raymond\ORC Code Zero.des

Initial Design Date: 6/2/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	10.560m	
Leech length (SLE):	9.520m	
Foot length (SFL):	6.960m	
Headboard Width:	0.030m	
Three-quarter width:	2.108m	Closest Pt: 1.798m
Half width (SHW):	4.021m	Closest Pt: 3.500m
Quarter width:	5.556m	Closest Pt: 4.955m
ORC Area:	38.564m?	
IRC Area:	38.410m?	
Surface Area:	37.018m?	
Hoist height:	10.115m	
J:	4.350m	

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% (10.520m) :	0.000m	0.000m
90% (9.466m) :	-0.147m	0.002m
80% (8.412m) :	-0.276m	0.020m
70% (7.361m) :	-0.363m	0.062m
60% (6.310m) :	-0.403m	0.103m
50% (5.259m) :	-0.396m	0.129m
40% (4.209m) :	-0.362m	0.132m
30% (3.158m) :	-0.303m	0.115m
20% (2.106m) :	-0.221m	0.090m
10% (1.053m) :	-0.117m	0.052m
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

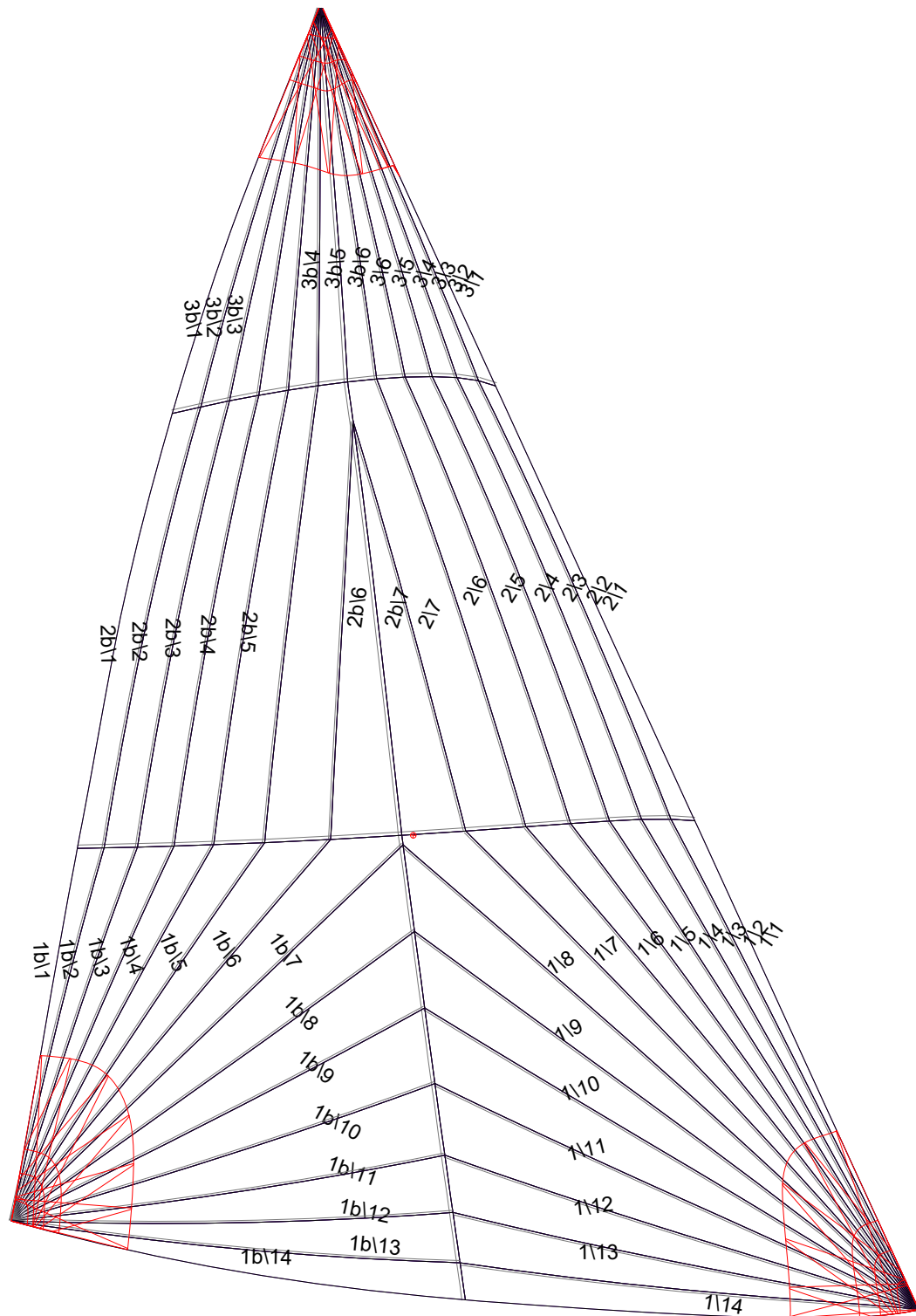
Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	7.58
Radial/Vertical	174.06
Bi-Radial Split	10.14

Materials

Material	Area (m ²)	Panels
Material 1	18.03	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	18.77	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
Material 3	0.33	3\6 3\5



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