# Asymmetric: code zero.des

Design Info
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Design File:
D:\dropbox\Dropbox\Fareast Sails\2021\Prelim design 1105\code zero.des

Comments:

Initial Design Date: 5/11/2021
Boat:

Client:

Design Data
==========

Asymmetric

Measurements

| | | | |
|---|---|---|---|
| Luff length (SLU): | 7.890m | | |
| Leech length (SLE): | 6.733m | | |
| Foot length (SFL): | 4.300m | | |
| Headboard Width: | 0.010m | | |
| Three-quarter width: | 1.445m | Closest Pt: | 1.277m |
| Half width (SHW): | 2.684m | Closest Pt: | 2.326m |
| Quarter width: | 3.584m | Closest Pt: | 3.134m |
| ORC Area: | 18.325m? | | |
| IRC Area: | 18.252m? | | |
| Surface Area: | 17.614m? | | |
| Hoist height: | 6.970m | | |
| J: | 3.710m | | |

Luff Curve

| | |
|---|---|
| 10.349m, | 0.000m |
| 7.762m, | 0.000m |
| 5.175m, | 0.000m |
| 2.587m, | 0.000m |
| 0.000m, | 0.000m |

| Fanned Luff (@ 5.00% [0.207m]) | | Before BSeam |
|---|---|---|
| 100% (7.740m) : | 0.000m | 0.000m |
| 89% (6.925m) : | -0.221m | 0.005m |
| 79% (6.121m) : | -0.425m | 0.020m |
| 69% (5.336m) : | -0.581m | 0.045m |
| 59% (4.564m) : | -0.664m | 0.074m |
| 49% (3.799m) : | -0.674m | 0.100m |
| 39% (3.042m) : | -0.648m | 0.107m |
| 30% (2.287m) : | -0.559m | 0.103m |
| 20% (1.530m) : | -0.409m | 0.088m |
| 10% (0.767m) : | -0.214m | 0.055m |
| 0% (0.000m) : | 0.000m | 0.000m |

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Seam Allowances

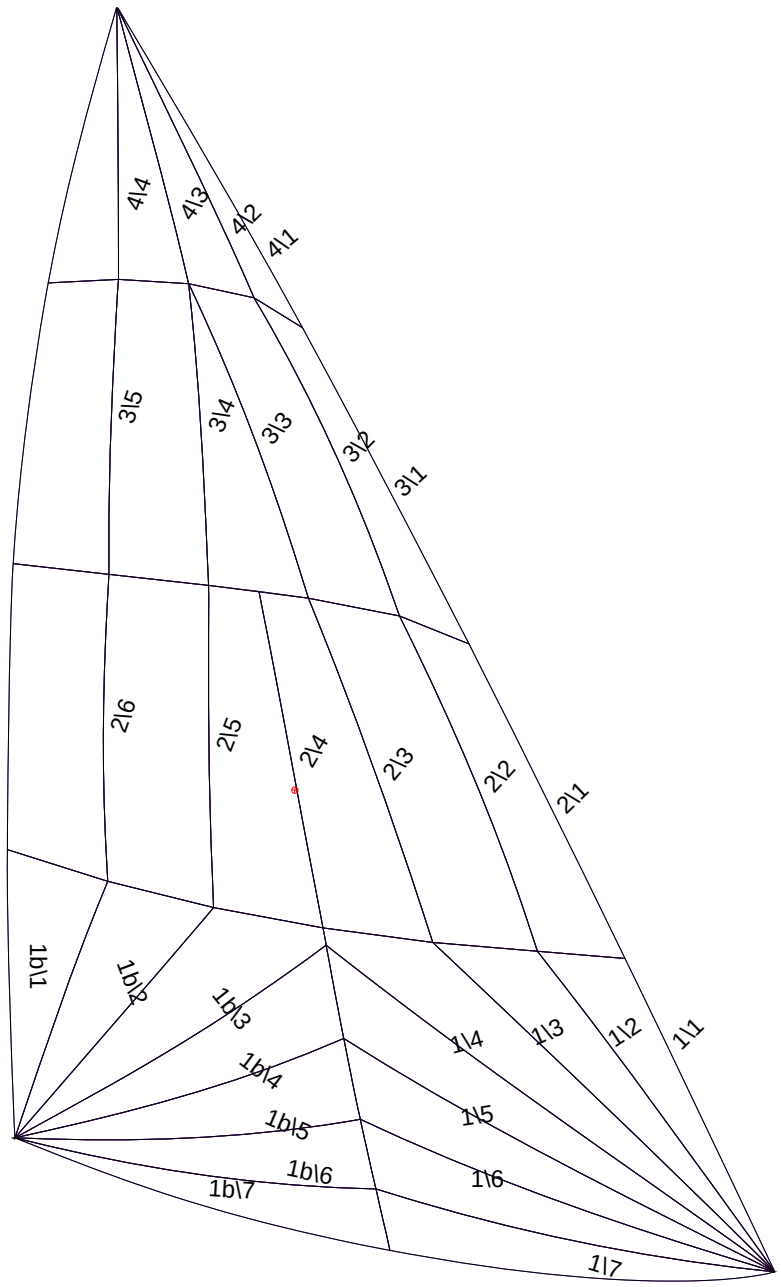
| | Split | Radial | Cross |
|---|---|---|---|
| Zone: 1/a | 0.020m | 0.020m | 0.020m |
| Zone: 1/b | 0.020m | 0.020m | 0.020m |
| Zone: 2 | 0.020m | 0.020m | 0.020m |
| Zone: 3 | 0.020m | 0.020m | 0.020m |
| Zone: 4 | 0.020m | 0.020m | 0.020m |

Edge Excesses

| | Luff | Leech | Foot |
|---|---|---|---|
| Sail: | 0.000m | 0.000m | 0.000m |

Total Seam Lengths (m)

| | |
|---|---|
| Horizontal | 7.84 |
| Radial/Vertical | 50.79 |
| Bi-Radial Split | 2.10 |

Materials

| Material | Area (m? | Panels |
|---|---|---|
| Material 1 | 17.62 | 1\1,1\2,1\3,1\4,1\5<br>1\6,1\7,1b\1,1b\2,1b\3<br>1b\4,1b\5,1b\6,1b\7,2\1<br>2\2,2\3,2\4,2\5,2\6<br>3\1,3\2,3\3,3\4,3\5<br>4\1,4\2,4\3,4\4 |