

Asymmetric: Veli Veikko Spinnaker.des

Design Info

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Initial Design Date: 17/11/2022
Boat:
Veli Veikko
Client:

Design File:

F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2022 Order\Need confirm order\Veli Veikko S

Comments:

Design Data

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Asymmetric

Measurements

| | | |
|----------------------|-----------|--------------------|
| Luff length (SLU): | 16.850m | |
| Leech length (SLE): | 15.514m | |
| Foot length (SFL): | 9.500m | |
| Headboard Width: | 0.010m | |
| Three-quarter width: | 5.092m | Closest Pt: 4.210m |
| Half width (SHW): | 8.767m | Closest Pt: 8.110m |
| Quarter width: | 9.640m | Closest Pt: 9.820m |
| ORC Area: | 120.198m? | |
| IRC Area: | 119.717m? | |
| Surface Area: | 123.115m? | |
| Hoist height: | 16.459m | |
| J: | 5.441m | |

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% [0.402m])

| | | |
|------------------|---------|---------|
| 100% (16.820m) : | 0.000m | -0.000m |
| 88% (14.755m) : | -0.013m | 0.814m |
| 76% (12.797m) : | -0.048m | 1.518m |
| 65% (10.978m) : | -0.104m | 2.021m |
| 55% (9.308m) : | -0.189m | 2.214m |
| 46% (7.735m) : | -0.287m | 2.154m |
| 37% (6.200m) : | -0.367m | 1.897m |
| 28% (4.670m) : | -0.400m | 1.499m |
| 19% (3.132m) : | -0.352m | 1.026m |
| 9% (1.574m) : | -0.204m | 0.529m |
| 0% (0.000m) : | 0.000m | 0.000m |

Before BSeam

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Seam Allowances

| Zone: | Split | Radial | Cross |
|-----------|--------|--------|--------|
| Zone: 1/a | 0.035m | 0.013m | 0.035m |
| Zone: 1/b | 0.035m | 0.013m | 0.035m |
| Zone: 2/a | 0.035m | 0.013m | 0.035m |
| Zone: 2/b | 0.035m | 0.013m | 0.035m |
| Zone: 3/a | 0.035m | 0.013m | 0.035m |
| Zone: 3/b | 0.035m | 0.013m | 0.035m |
| Zone: 4 | 0.035m | 0.013m | 0.035m |

Edge Excesses

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

Total Seam Lengths (m)

| | |
|-----------------|--------|
| Horizontal | 27.25 |
| Radial/Vertical | 305.22 |
| Bi-Radial Split | 10.80 |

Materials

| Material | Area (m ²) | Panels |
|-----------|------------------------|--|
| dark blue | 88.34 | 1\1,1\2,1\3,1\4,1\5 1\10,1\11,1\12,1\13,1\14 1\15,1\16,1b\1,1b\2,1b\3 1b\4,1b\5,1b\10,1b\11,1b\12 1b\13,1b\14,1b\15,1b\16,2\1 2\2,2\3,2\4,2\5,2b\5 2b\4,2b\3,2b\2,2b\1,3\1 3\2,3\3,3\4,3\5,3b\5 3b\4,3b\3,3b\2,3b\1,4\1 4\2,4\3,4\4,4\5,4\8 4\9,4\10,4\11,4\12 |
| white | 34.71 | 1\6,1\7,1\8,1\9,1b\6 1b\7,1b\8,1b\9,2\6,2\7 2\8,2\9,2b\9,2b\8,2b\7 2b\6,3\6,3\7,3\8,3b\8 3b\7,3b\6,4\6,4\7 |

