

Gaff Sail: 6000321-3 Gaff.des

Design Info
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Design File:
E:\Dropbox\Fareast Sails\2022 Order\6000321 Holger\6000321-3 Gaff.des

Initial Design Date: 27/6/2020
Boat:

Comments:

Client:

Design Data
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Gaff - High Aspect Ratio

Measurements

Luff Geodesic: 1.023m
 Leech Geodesic: 3.072m
 Foot Geodesic: 2.160m
 Head Geodesic: 2.160m
 Diagonal Girth: 2.337m
 Foot Median: 1.446m
 Girth (50%-50%): 2.037m
 Surface Area: 4.013m?

Battens

| Position | Length | Roach | Angle | Luff | Leech | Full |
|----------|--------|--------|---------|--------|--------|------|
| 66.667% | 0.250m | 0.160m | 90.000? | 0.522m | 2.034m | |
| 33.333% | 0.250m | 0.135m | 90.000? | 0.113m | 1.017m | |

Luff Curve

| | | Fanned Luff (@ 5.00% [0.108m]) | Before BSeam |
|---------|--------|--------------------------------|--------------|
| 1.023m, | 0.000m | 100% (3.122m) : | -0.000m |
| 0.767m, | 0.000m | 90% (2.807m) : | 0.043m |
| 0.511m, | 0.000m | 80% (2.492m) : | 0.087m |
| 0.256m, | 0.000m | 70% (2.177m) : | 0.130m |
| 0.000m, | 0.000m | 60% (1.862m) : | 0.173m |
| | | 50% (1.547m) : | 0.215m |
| | | 39% (1.232m) : | 0.258m |
| | | 29% (0.915m) : | 0.270m |
| | | 20% (0.610m) : | 0.179m |
| | | 10% (0.305m) : | 0.088m |
| | | 0% (0.000m) : | 0.000m |

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| Seam Allowances | | | |
|-----------------|--------|--------|--------|
| Zone: 1 | Split | Radial | Cross |
| | 0.000m | 0.000m | 0.013m |

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

Total Seam Lengths (m)

| | |
|-----------------|------|
| Horizontal | 6.06 |
| Radial/Vertical | 0.00 |
| Bi-Radial Split | 0.00 |

Materials

| Material | Area (m ²) | Panels |
|------------|------------------------|-----------|
| Material 1 | 3.97 | 1,2,3,4,5 |

