

Gaff Sail: 3000811 Geoffrey Square Main course

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000811 Geoffrey larger order\3000811 Geoffrey S

Initial Design Date: 19/8/2019
Boat:

Comments:

Client:

Design Data
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Gaff Low Aspect Ratio

Measurements

| | |
|------------------|----------------------|
| Luff Geodesic: | 7.721m |
| Leech Geodesic: | 7.721m |
| Foot Geodesic: | 8.000m |
| Head Geodesic: | 11.671m |
| Diagonal Girth: | 12.384m |
| Foot Median: | 9.500m |
| Girth (50%-50%): | 9.834m |
| Surface Area: | 72.621m ² |

Reefing Points

- 1, Luff: 2.548m ; Leech: 2.544m ; Offset: 0.000m ; Number Eyelets: 3
- 2, Luff: 3.860m ; Leech: 3.854m ; Offset: 0.000m ; Number Eyelets: 0
- 3, Luff: 5.096m ; Leech: 5.087m ; Offset: 0.000m ; Number Eyelets: 3

Luff Curve

| | |
|---------|--------|
| 7.721m, | 0.000m |
| 5.791m, | 0.000m |
| 3.861m, | 0.000m |
| 1.930m, | 0.000m |
| 0.000m, | 0.000m |

Fanned Luff (@ 5.00% [0. Before BSeam

| | | |
|-----------------|---------|---------|
| 100% (7.721m) : | 0.000m | 0.000m |
| 90% (6.949m) : | -0.000m | -0.000m |
| 80% (6.177m) : | -0.000m | -0.001m |
| 70% (5.405m) : | -0.000m | -0.001m |
| 60% (4.633m) : | -0.000m | -0.001m |
| 50% (3.861m) : | -0.000m | -0.001m |
| 40% (3.088m) : | -0.000m | -0.000m |
| 30% (2.316m) : | -0.000m | -0.000m |
| 20% (1.544m) : | -0.000m | 0.000m |
| 10% (0.772m) : | 0.000m | 0.000m |
| 0% (0.000m) : | 0.000m | 0.000m |

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Seam Allowances

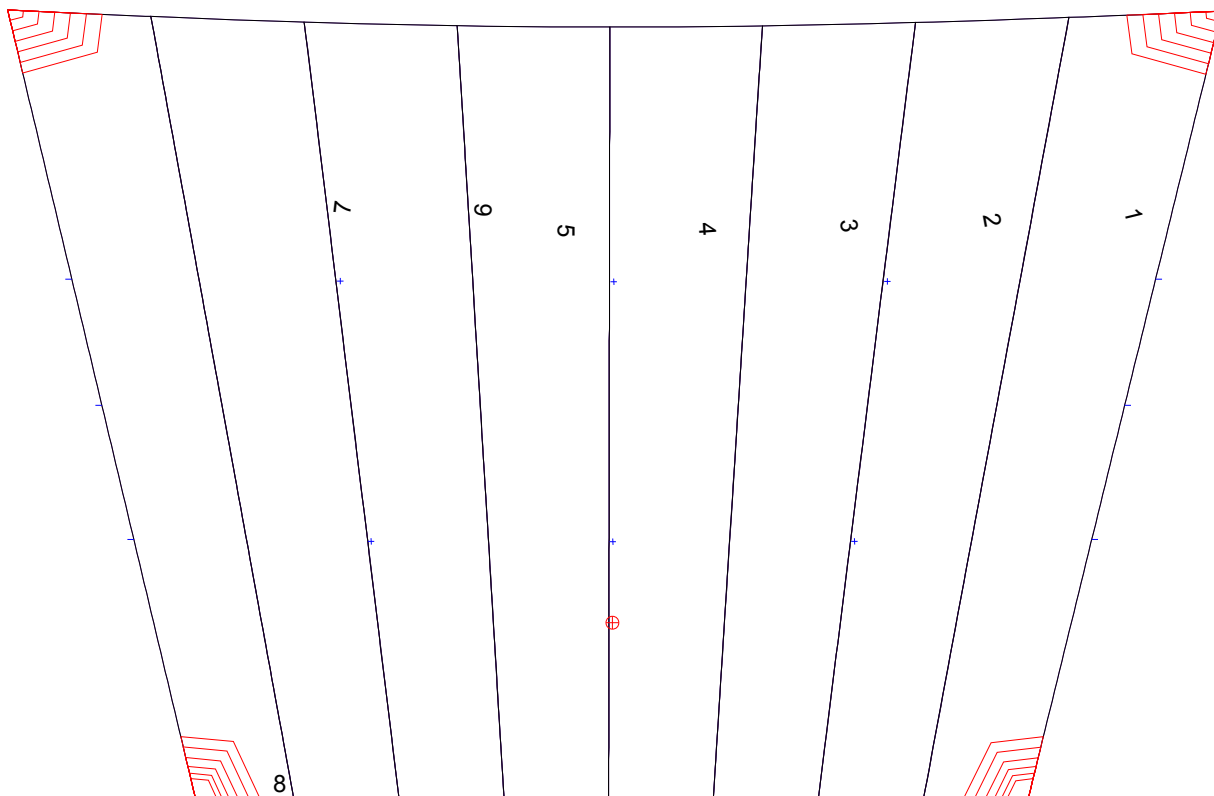
| Zone: 1 | Split | Radial | Cross |
|---------|--------|--------|--------|
| | 0.030m | 0.030m | 0.030m |

Edge Excesses

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

Materials

| Material | Area (m ²) | Panels |
|------------|------------------------|--------------------|
| Material 1 | 72.70 | 1,2,3,4,5 6,7,8 |



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