

# Gaff Sail: 3000811 Geoffrey Square Main top Gallant

## 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:   | 3.386m               |
| Leech Geodesic:  | 3.386m               |
| Foot Geodesic:   | 8.395m               |
| Head Geodesic:   | 5.250m               |
| Diagonal Girth:  | 7.479m               |
| Foot Median:     | 3.500m               |
| Girth (50%-50%): | 6.821m               |
| Surface Area:    | 15.470m <sup>2</sup> |

#### Reefing Points

1, Luff: 0.000m ; Leech: 0.000m ; Offset: 0.000m ; Number Eyelets: 3  
2, Luff: 1.693m ; Leech: 1.708m ; Offset: 0.000m ; Number Eyelets: 3

#### Luff Curve

|         |        |
|---------|--------|
| 3.386m, | 0.000m |
| 2.540m, | 0.000m |
| 1.693m, | 0.000m |
| 0.847m, | 0.000m |
| 0.000m, | 0.000m |

#### Fanned Luff (@ 5.00% [0.4Before BSeam

|                 |         |        |
|-----------------|---------|--------|
| 100% (3.386m) : | 0.000m  | 0.000m |
| 90% (3.047m) :  | -0.000m | 0.014m |
| 80% (2.709m) :  | -0.001m | 0.028m |
| 70% (2.370m) :  | -0.001m | 0.042m |
| 60% (2.032m) :  | -0.002m | 0.056m |
| 50% (1.693m) :  | -0.002m | 0.069m |
| 40% (1.354m) :  | -0.002m | 0.082m |
| 30% (1.016m) :  | -0.003m | 0.096m |
| 20% (0.677m) :  | -0.003m | 0.103m |
| 10% (0.339m) :  | -0.003m | 0.132m |
| 0% (0.000m) :   | 0.000m  | 0.000m |

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## Seam Allowances

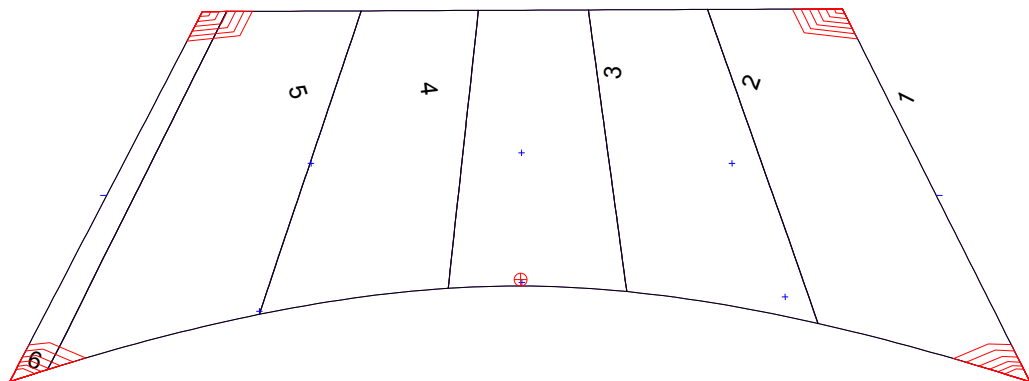
| Zone: 1 | Split  | Radial | Cross  |
|---------|--------|--------|--------|
|         | 0.030m | 0.030m | 0.030m |

## Edge Excesses

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

## Materials

| Material   | Area (m <sup>2</sup> ) | Panels         |
|------------|------------------------|----------------|
| Material 1 | 16.58                  | 1,2,3,4,5<br>6 |



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