

Genoa: 6000808.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000808 Mike\6000808.des

Initial Design Date: 16/8/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

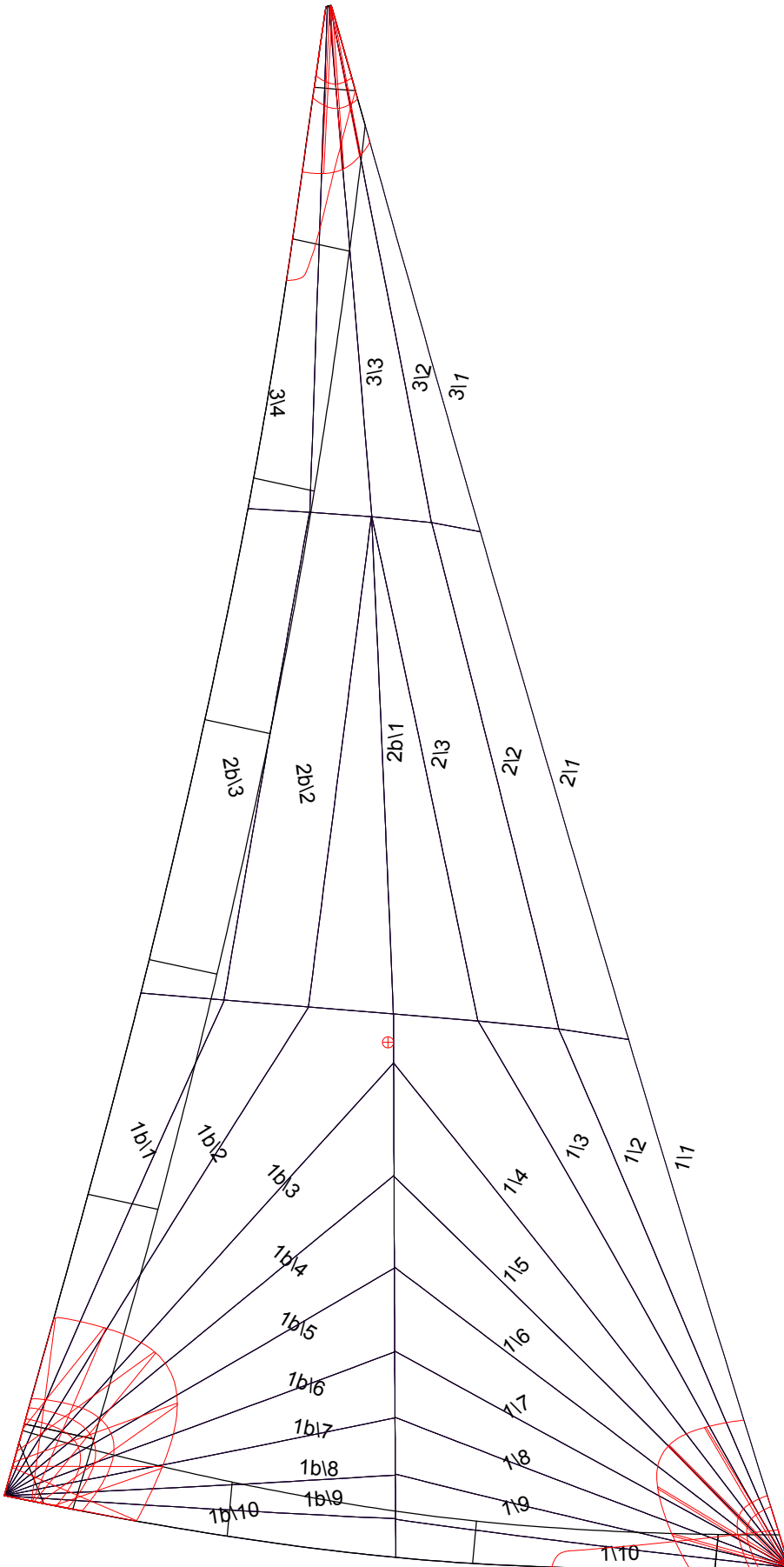
| | |
|----------------------------|----------------------|
| Luff geodesic: | 9.550m |
| Leech geodesic: | 9.000m |
| Foot geodesic: | 4.680m |
| Headboard width: | 0.035m |
| Luff perpendicular (HLP): | 4.403m |
| Upper width (HUW): | 0.519m |
| Three-quarter width (HTW): | 1.016m |
| Half width (HHW): | 2.084m |
| Quarter width (HQW): | 3.232m |
| Foot median: | 9.151m |
| ORC Headsail area: | 20.454m ² |
| IRC Headsail area: | 20.414m ² |
| Surface area: | 20.738m ² |
| Forestay height: | 10.970m |
| J: | 3.220m |

Luff Curve

| | |
|---------|--------|
| 9.549m, | 0.000m |
| 7.162m, | 0.041m |
| 4.775m, | 0.054m |
| 2.387m, | 0.041m |
| 0.000m, | 0.000m |

| Fanned Luff (@ 5.00% [0.230m]) | | Before BSeam |
|--------------------------------|---------|--------------|
| 100% (9.549m) : | -0.000m | -0.000m |
| 90% (8.594m) : | -0.017m | 0.009m |
| 80% (7.640m) : | -0.034m | 0.017m |
| 70% (6.684m) : | -0.047m | 0.025m |
| 60% (5.730m) : | -0.054m | 0.031m |
| 50% (4.774m) : | -0.057m | 0.037m |
| 40% (3.820m) : | -0.057m | 0.040m |
| 30% (2.864m) : | -0.051m | 0.040m |
| 20% (1.910m) : | -0.039m | 0.035m |
| 10% (0.954m) : | -0.021m | 0.020m |
| 0% (0.000m) : | 0.000m | 0.000m |

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Seam Allowances

| | Split | Radial | Cross |
|-----------|--------|--------|--------|
| Zone: 1/a | 0.025m | 0.015m | 0.025m |
| Zone: 1/b | 0.025m | 0.015m | 0.025m |
| Zone: 2/a | 0.025m | 0.015m | 0.025m |
| Zone: 2/b | 0.025m | 0.015m | 0.025m |
| Zone: 3 | 0.025m | 0.015m | 0.025m |
| Cover 1 | 0.025m | 0.025m | 0.025m |
| Cover 2 | 0.025m | 0.025m | 0.025m |
| Cover 3 | 0.025m | 0.025m | 0.025m |
| Cover 4 | 0.025m | 0.025m | 0.025m |

Edge Excesses

| | Luff | Leech | Foot |
|---------|--------|--------|--------|
| Sail: | 0.000m | 0.000m | 0.000m |
| Cover 0 | 0.070m | 0.100m | 0.070m |
| Cover 1 | 0.070m | 0.100m | 0.070m |
| Cover 2 | 0.070m | 0.100m | 0.070m |
| Cover 3 | 0.070m | 0.100m | 0.070m |

Total Seam Lengths (m)

| | |
|-----------------|-------|
| Horizontal | 4.47 |
| Radial/Vertical | 73.75 |
| Bi-Radial Split | 6.30 |

Materials

| Material | Area (m ²) | Panels |
|------------|------------------------|---|
| Material 1 | 20.76 | 1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 2\1,2\2,2\3,2b\1,2b\2 2b\3,3\1,3\2,3\3,3\4 |