# Genoa: 4000606 Craig-2 headsail 110% R1.des

Design Info
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Design File:
D:\dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production\2020\4000606 Craig-1-2\4000606

Comments:
tack height off deck 17 inch
clew height off deck 24.3 inch

Initial Design Date: 28/7/2020
Boat:

Client:

Design Data
==========

Genoa

Measurements

| | |
|---|---|
| Luff geodesic: | 14.987m |
| Leech geodesic: | 14.323m |
| Foot geodesic: | 5.168m |
| Headboard width: | 0.030m |
| Luff perpendicular (HLP): | 4.972m |
| Upper width (HUW): | 0.526m |
| Three-quarter width (HTW): | 1.050m |
| Half width (HHW): | 2.247m |
| Quarter width (HQW): | 3.582m |
| Foot median: | 14.576m |
| ORC Headsail area: | 35.312m? |
| IRC Headsail area: | 35.194m? |
| Surface area: | 35.438m? |
| Forestay height: | 15.930m |
| J: | 4.520m |

Draft Stripes

1, Luff: 4.965m ; Leech: 4.626m ;
2, Luff: 9.992m ; Leech: 9.455m ;

Luff Curve

| | |
|---|---|
| 14.985m, | 0.000m |
| 11.614m, | 0.078m |
| 8.242m, | 0.094m |
| 4.121m, | 0.058m |
| 0.000m, | 0.000m |

| Fanned Luff (@ 5.00% [0.254m]) | | Before BSeam |
|---|---|---|
| 100% (14.985m) : | 0.000m | 0.000m |
| 90% (13.486m) : | -0.038m | -0.006m |
| 80% (11.990m) : | -0.071m | -0.009m |
| 70% (10.490m) : | -0.090m | -0.003m |
| 60% (8.992m) : | -0.095m | 0.011m |
| 50% (7.493m) : | -0.090m | 0.027m |
| 40% (5.994m) : | -0.079m | 0.042m |
| 30% (4.496m) : | -0.062m | 0.052m |
| 20% (2.998m) : | -0.044m | 0.052m |
| 10% (1.498m) : | -0.023m | 0.038m |
| 0% (0.000m) : | 0.000m | 0.000m |

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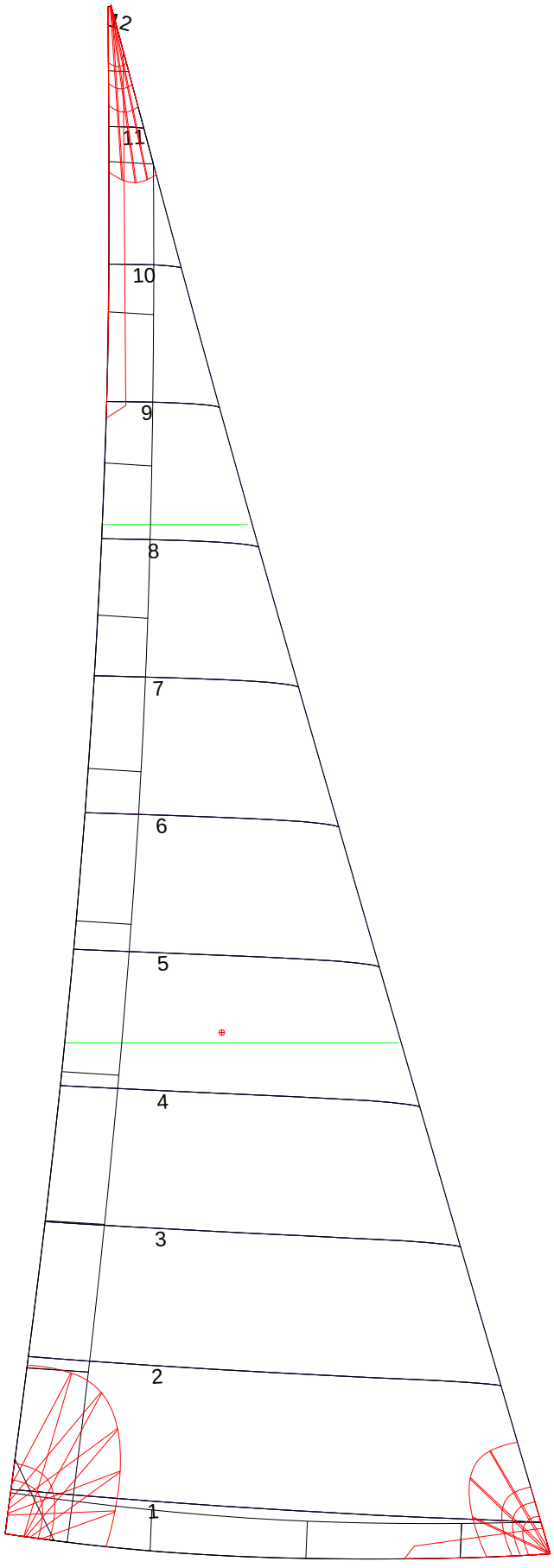



Seam Allowances

| | Split | Radial | Cross |
|---|---|---|---|
| Zone: 1 | 0.000m | 0.000m | 0.038m |
| Cover 1 | 0.025m | 0.025m | 0.025m |
| Cover 2 | 0.025m | 0.025m | 0.025m |
| Cover 3 | 0.000m | 0.000m | 0.000m |
| Cover 4 | 0.000m | 0.000m | 0.000m |

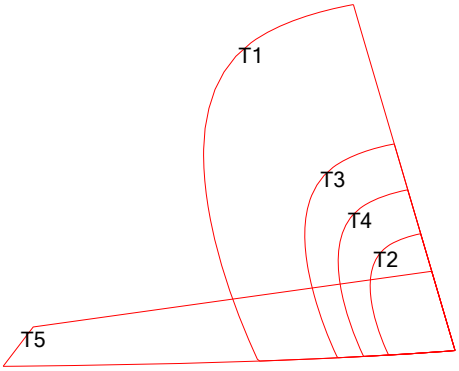
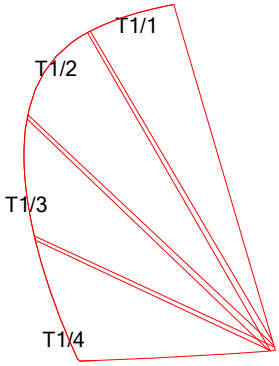
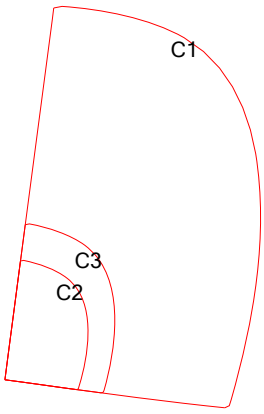
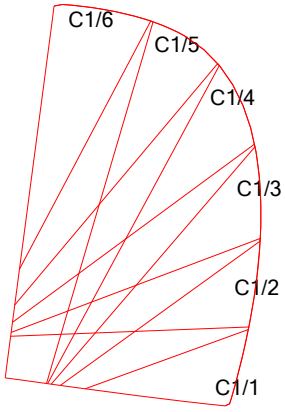
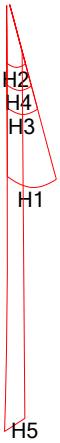
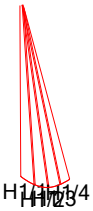
Edge Excesses

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

Total Seam Lengths (m)

| | |
|---|---|
| Horizontal | 28.53 |
| Radial/Vertical | 0.00 |
| Bi-Radial Split | 0.00 |

Materials

| Material | Area (m? | Panels |
|---|---|---|
| Material 1 | 35.49 | 1,2,3,4,5 6,7,8,9,10 11,12 |

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