

# Genoa: 6001208 Mario-2 Genoa-V1-1231.des

Design Info  
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Design File:  
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001208 Ma

Initial Design Date: 22/12/2022  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

|                            |            |
|----------------------------|------------|
| Luff geodesic:             | 22.900Ft   |
| Leech geodesic:            | 20.643Ft   |
| Foot geodesic:             | 11.011Ft   |
| Headboard width:           | 0.098Ft    |
| Luff perpendicular (HLP):  | 10.013Ft   |
| Upper width (HUW):         | 1.188Ft    |
| Three-quarter width (HTW): | 2.309Ft    |
| Half width (HHW):          | 4.726Ft    |
| Quarter width (HQW):       | 7.334Ft    |
| Foot median:               | 21.492Ft   |
| ORC Headsail area:         | 111.532Ft? |
| IRC Headsail area:         | 111.225Ft? |
| Surface area:              | 113.160Ft? |
| Forestay height:           | 22.000Ft   |
| J:                         | 7.418Ft    |

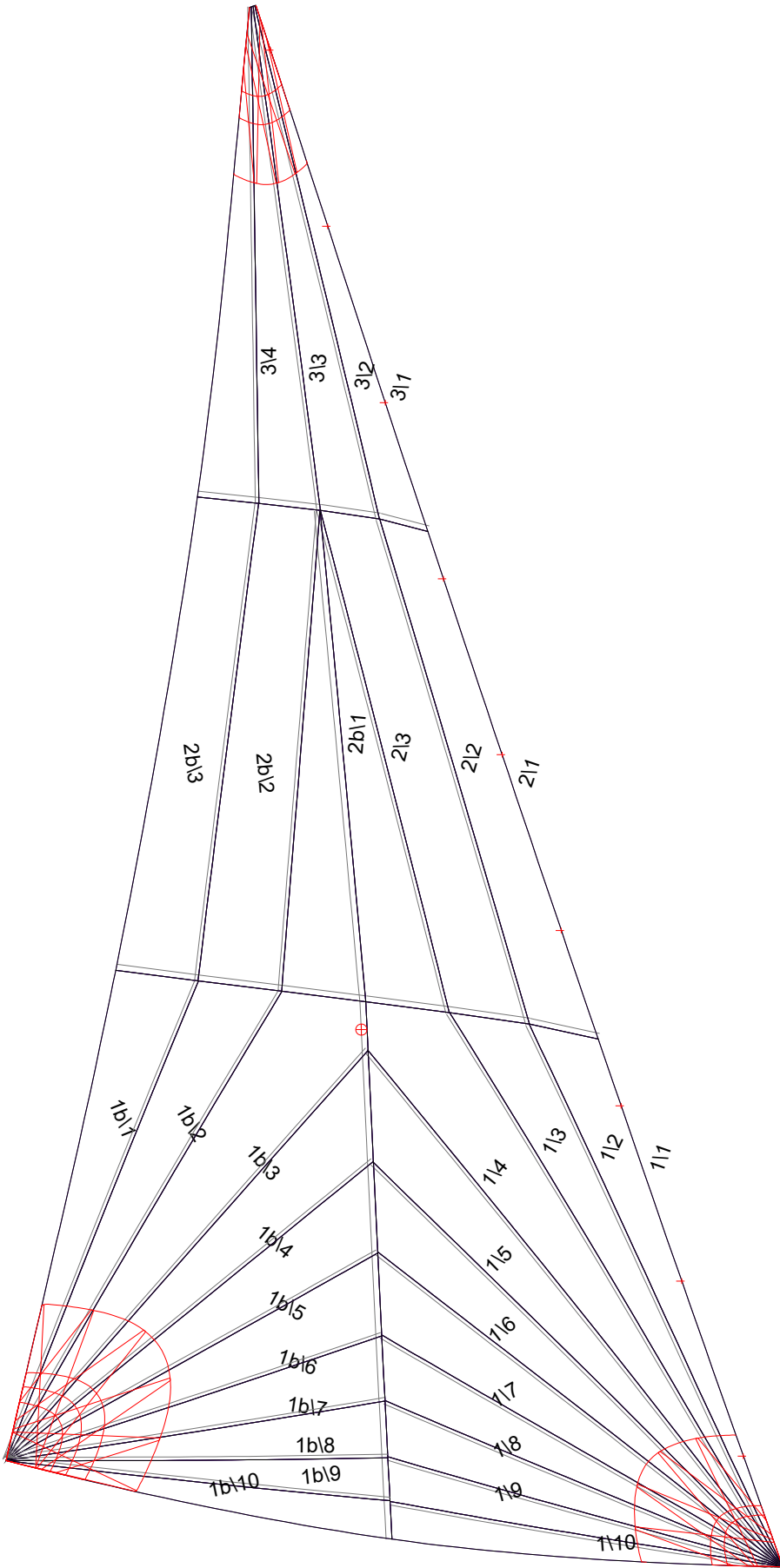
### Luff Slides

- 1, Position: 1.633Ft
- 2, Position: 4.210Ft
- 3, Position: 6.787Ft
- 4, Position: 9.363Ft
- 5, Position: 11.940Ft
- 6, Position: 14.517Ft
- 7, Position: 17.093Ft
- 8, Position: 19.670Ft
- 9, Position: 22.247Ft

### Luff Curve

|           |         | Fanned Luff (@ 5.00% [0.539Ft]) | Before BSeam |
|-----------|---------|---------------------------------|--------------|
| 22.898Ft, | 0.000Ft | 100% (22.898Ft) :               | 0.000Ft      |
| 17.173Ft, | 0.098Ft | 90% (20.607Ft) :                | -0.043Ft     |
| 11.450Ft, | 0.131Ft | 80% (18.319Ft) :                | -0.084Ft     |
| 5.724Ft,  | 0.098Ft | 70% (16.028Ft) :                | -0.116Ft     |
| 0.000Ft,  | 0.000Ft | 60% (13.739Ft) :                | -0.135Ft     |
|           |         | 50% (11.449Ft) :                | -0.142Ft     |
|           |         | 40% (9.159Ft) :                 | -0.140Ft     |
|           |         | 30% (6.868Ft) :                 | -0.125Ft     |
|           |         | 20% (4.580Ft) :                 | -0.094Ft     |
|           |         | 10% (2.286Ft) :                 | -0.051Ft     |
|           |         | 0% (0.000Ft) :                  | 0.000Ft      |

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## Seam Allowances

| Zone:     | Split   | Radial  | Cross   |
|-----------|---------|---------|---------|
| Zone: 1/a | 0.082Ft | 0.049Ft | 0.082Ft |
| Zone: 1/b | 0.082Ft | 0.049Ft | 0.082Ft |
| Zone: 2/a | 0.082Ft | 0.049Ft | 0.082Ft |
| Zone: 2/b | 0.082Ft | 0.049Ft | 0.082Ft |
| Zone: 3   | 0.082Ft | 0.049Ft | 0.082Ft |

## Edge Excesses

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

## Total Seam Lengths (Ft)

|                 |        |
|-----------------|--------|
| Horizontal      | 10.52  |
| Radial/Vertical | 173.29 |
| Bi-Radial Split | 14.98  |

## Materials

| Material   | Area (Ft <sup>2</sup> ) | Panels  |
|------------|-------------------------|---|
| Material 1 | 113.28                  | 1\1,1\2,1\3,1\4,1\5<br>1\6,1\7,1\8,1\9,1\10<br>1b\1,1b\2,1b\3,1b\4,1b\5<br>1b\6,1b\7,1b\8,1b\9,1b\10<br>2\1,2\2,2\3,2b\1,2b\2<br>2b\3,3\1,3\2,3\3,3\4 |