

# Genoa: 7000626 Eduard-2 Farr30 Jib .des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000626 Eduard\7000626 Eduard-2 Farr30 Jib .des

Initial Design Date: 14/7/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

|                            |          |
|----------------------------|----------|
| Luff geodesic:             | 11.520m  |
| Leech geodesic:            | 10.941m  |
| Foot geodesic:             | 3.660m   |
| Headboard width:           | 0.033m   |
| Luff perpendicular (HLP):  | 3.486m   |
| Upper width (HUW):         | 0.393m   |
| Three-quarter width (HTW): | 0.770m   |
| Half width (HHW):          | 1.602m   |
| Quarter width (HQW):       | 2.523m   |
| Foot median:               | 11.301m  |
| ORC Headsail area:         | 19.250m? |
| IRC Headsail area:         | 19.191m? |
| Surface area:              | 19.576m? |
| Forestay height:           | 11.670m  |
| J:                         | 3.320m   |

### Draft Stripes

- 1, Luff: 3.813m ; Leech: 3.502m ;
- 2, Luff: 7.622m ; Leech: 7.156m ;

### Luff Curve

|          |        |
|----------|--------|
| 11.519m, | 0.000m |
| 10.562m, | 0.029m |
| 9.503m,  | 0.052m |
| 8.571m,  | 0.065m |
| 7.487m,  | 0.069m |
| 5.732m,  | 0.061m |
| 3.744m,  | 0.041m |
| 1.947m,  | 0.021m |
| 0.000m,  | 0.000m |

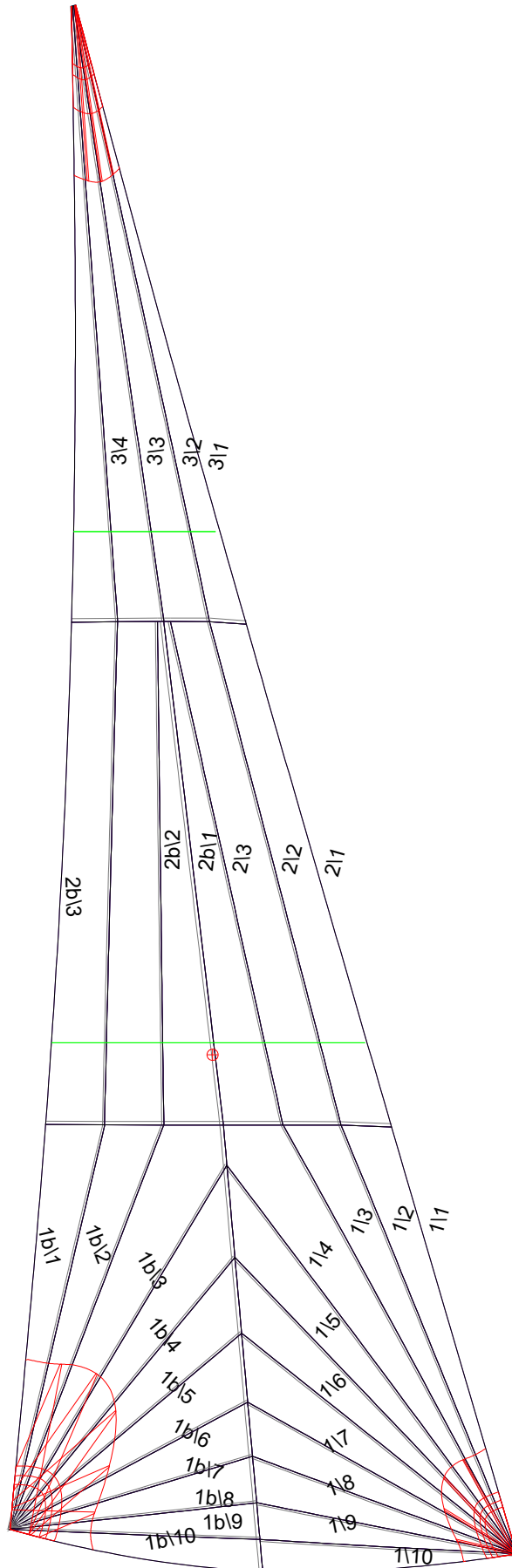
### Fanned Luff (@ 5.00% [0.181m])

|                  |         |
|------------------|---------|
| 100% (11.519m) : | 0.000m  |
| 90% (10.366m) :  | -0.030m |
| 80% (9.216m) :   | -0.052m |
| 70% (8.064m) :   | -0.063m |
| 60% (6.912m) :   | -0.065m |
| 50% (5.760m) :   | -0.060m |
| 40% (4.608m) :   | -0.051m |
| 30% (3.456m) :   | -0.040m |
| 20% (2.304m) :   | -0.028m |
| 10% (1.151m) :   | -0.015m |
| 0% (0.000m) :    | -0.000m |

### Before BSeam

|         |
|---------|
| 0.000m  |
| -0.006m |
| -0.008m |
| -0.004m |
| 0.004m  |
| 0.012m  |
| 0.018m  |
| 0.022m  |
| 0.021m  |
| 0.012m  |
| 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 |

## Edge Excesses

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

## Total Seam Lengths (m)

|                 |       |
|-----------------|-------|
| Horizontal      | 3.88  |
| Radial/Vertical | 73.35 |
| Bi-Radial Split | 7.03  |

## Materials

| Material   | Area (m <sup>2</sup> ) | Panels   |
|------------|------------------------|--|
| Material 1 | 19.62                  | 1i1,1i2,1i3,1i4,1i5<br>1i6,1i7,1i8,1i9,1i10<br>1b1,1b2,1b3,1b4,1b5<br>1b6,1b7,1b8,1b9,1b10<br>2i1,2i2,2i3,2b1,2b2<br>2b3,3i1,3i2,3i3,3i4 |