

# Genoa: 7000714 Yorgos-3 Hanks Jib.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000714 Yorgos\70

Initial Design Date: 10/10/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

|                            |            |
|----------------------------|------------|
| Luff geodesic:             | 66.496Ft   |
| Leech geodesic:            | 61.619Ft   |
| Foot geodesic:             | 21.254Ft   |
| Headboard width:           | 0.197Ft    |
| Luff perpendicular (HLP):  | 19.713Ft   |
| Upper width (HUW):         | 2.134Ft    |
| Three-quarter width (HTW): | 4.203Ft    |
| Half width (HHW):          | 8.877Ft    |
| Quarter width (HQW):       | 14.122Ft   |
| Foot median:               | 63.689Ft   |
| ORC Headsail area:         | 621.084Ft? |
| IRC Headsail area:         | 619.187Ft? |
| Surface area:              | 621.359Ft? |
| Forestay height:           | 66.410Ft   |
| J:                         | 20.750Ft   |

### Draft Stripes

- 1, Luff: 16.699Ft ; Leech: 13.916Ft ;
- 2, Luff: 33.393Ft ; Leech: 29.791Ft ;
- 3, Luff: 50.019Ft ; Leech: 45.607Ft ;

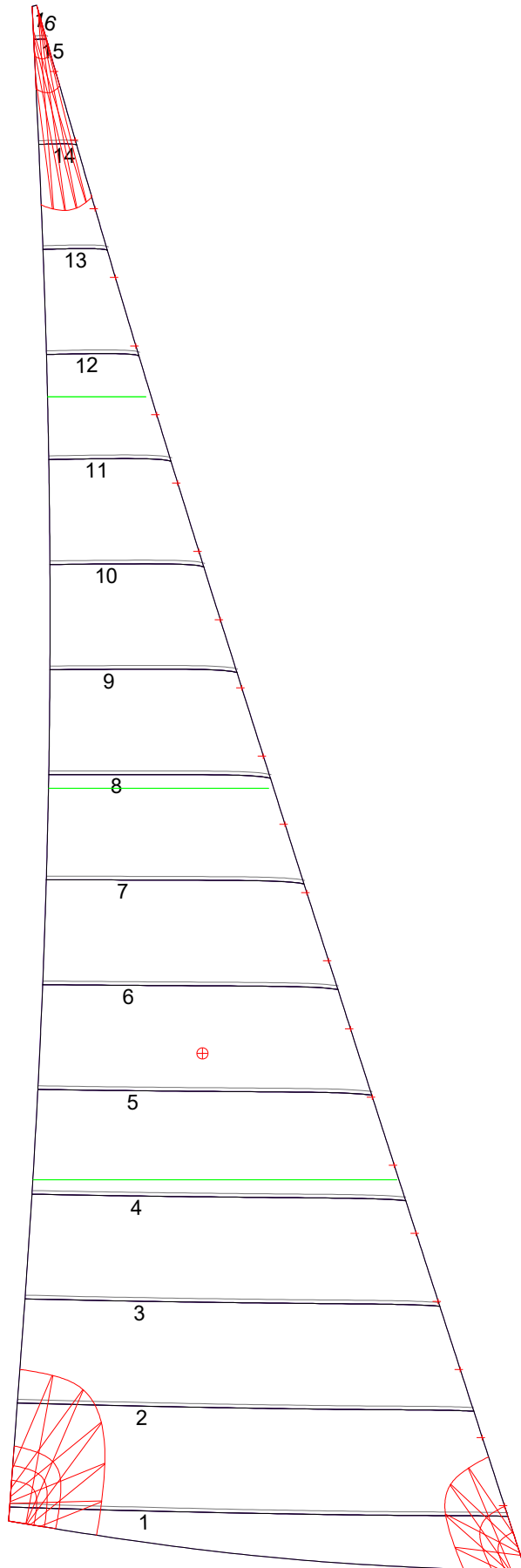
### Luff Slides

- 1, Position: 2.789Ft
- 2, Position: 5.690Ft
- 3, Position: 8.590Ft
- 4, Position: 11.491Ft
- 5, Position: 14.392Ft
- 6, Position: 17.293Ft
- 7, Position: 20.194Ft
- 8, Position: 23.095Ft
- 9, Position: 25.996Ft
- 10, Position: 28.897Ft
- 11, Position: 31.798Ft
- 12, Position: 34.698Ft
- 13, Position: 37.599Ft
- 14, Position: 40.500Ft
- 15, Position: 43.401Ft
- 16, Position: 46.302Ft
- 17, Position: 49.203Ft
- 18, Position: 52.104Ft
- 19, Position: 55.005Ft
- 20, Position: 57.906Ft
- 21, Position: 60.806Ft
- 22, Position: 63.707Ft

### Luff Curve

|           |         | Fanned Luff (@ 5.00% [1.048Ft]) | Before BSeam |
|-----------|---------|---------------------------------|--------------|
| 66.483Ft, | 0.000Ft | 100% (66.485Ft) :               | 0.000Ft      |
| 60.958Ft, | 0.225Ft | 90% (59.833Ft) :                | -0.246Ft     |
| 54.848Ft, | 0.408Ft | 80% (53.196Ft) :                | -0.145Ft     |
| 49.470Ft, | 0.502Ft | 70% (46.542Ft) :                | -0.133Ft     |
| 43.215Ft, | 0.537Ft | 60% (39.894Ft) :                | -0.083Ft     |
| 33.085Ft, | 0.472Ft | 50% (33.244Ft) :                | -0.021Ft     |
| 21.607Ft, | 0.320Ft | 40% (26.596Ft) :                | 0.032Ft      |
| 11.237Ft, | 0.160Ft | 30% (19.945Ft) :                | 0.062Ft      |
| 0.000Ft,  | 0.000Ft | 20% (13.300Ft) :                | 0.073Ft      |
|           |         | 10% (6.643Ft) :                 | -0.110Ft     |
|           |         | 0% (0.000Ft) :                  | 0.056Ft      |
|           |         |                                 | 0.000Ft      |

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## Seam Allowances

| Zone: 1 | Split   | Radial  | Cross   |
|---------|---------|---------|---------|
|         | 0.148Ft | 0.148Ft | 0.148Ft |

## Edge Excesses

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

## Total Seam Lengths (Ft)

|                 |        |
|-----------------|--------|
| Horizontal      | 148.24 |
| Radial/Vertical | 0.00   |
| Bi-Radial Split | 0.00   |

## Materials

| Material   | Area (Ft <sup>2</sup> ) | Panels  |
|------------|-------------------------|---|
| Material 1 | 622.92                  | 1,2,3,4,5<br>6,7,8,9,10<br>11,12,13,14,15<br>16 |