

# Genoa: 7000706 Trevor-2 Jib F5.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000706 Trevor\7000

Initial Design Date: 6/7/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	5.050m
Leech geodesic:	4.480m
Foot geodesic:	1.860m
Headboard width:	0.045m
Luff perpendicular (HLP):	1.643m
Upper width (HUW):	0.207m
Three-quarter width (HTW):	0.379m
Half width (HHW):	0.758m
Quarter width (HQW):	1.184m
Foot median:	4.725m
ORC Headsail area:	4.009m?
IRC Headsail area:	3.999m?
Surface area:	4.033m?
Forestay height:	5.050m
J:	1.500m

### Luff Curve

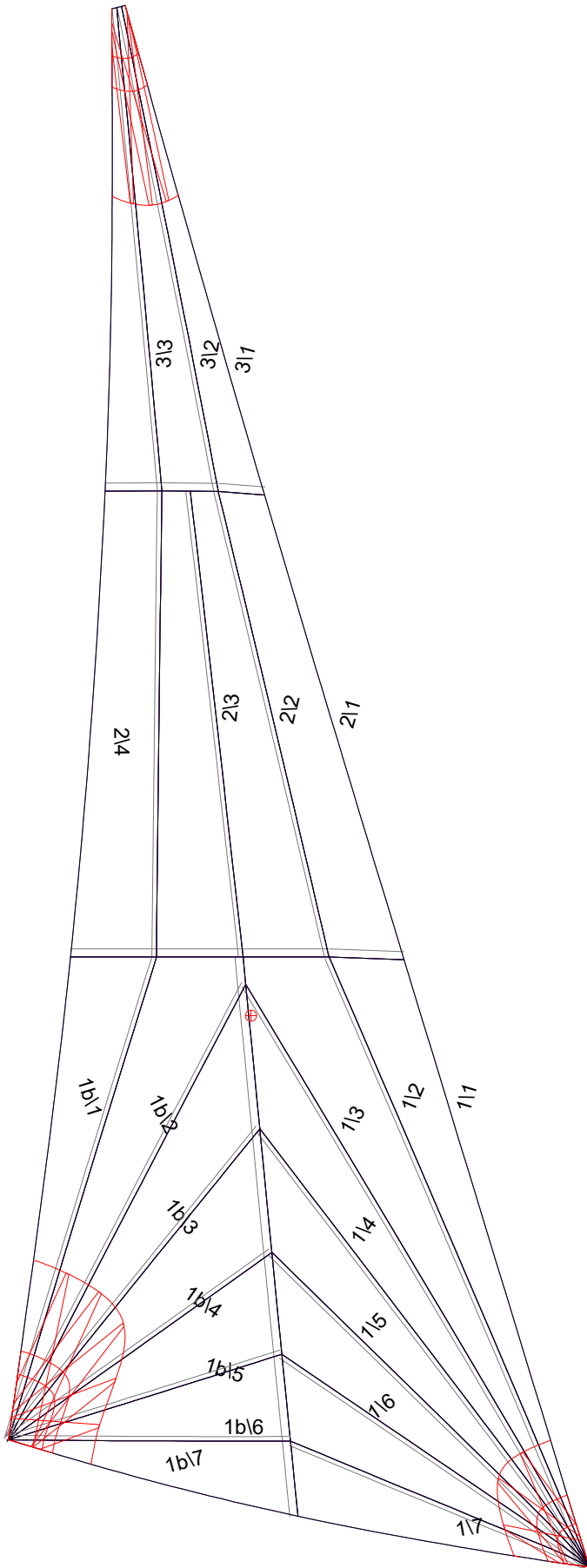
5.049m,	0.000m
4.630m,	0.013m
4.166m,	0.023m
3.757m,	0.028m
3.282m,	0.030m
2.513m,	0.027m
1.641m,	0.018m
0.853m,	0.009m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.090m])

100% (5.050m) :	-0.000m	-0.000m
90% (4.545m) :	-0.014m	-0.003m
80% (4.040m) :	-0.024m	-0.004m
70% (3.535m) :	-0.029m	-0.004m
60% (3.030m) :	-0.030m	-0.002m
50% (2.525m) :	-0.027m	0.001m
40% (2.020m) :	-0.022m	0.004m
30% (1.515m) :	-0.017m	0.005m
20% (1.010m) :	-0.011m	0.005m
10% (0.505m) :	-0.006m	0.004m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.014m	0.025m
Zone: 1/b	0.025m	0.014m	0.025m
Zone: 2	0.025m	0.014m	0.025m
Zone: 3	0.025m	0.014m	0.025m

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	1.60
Radial/Vertical	24.24
Bi-Radial Split	1.88

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	4.04	1 1,1 2,1 3,1 4,1 5 1 6,1 7,1b 1,1b 2,1b 3 1b 4,1b 5,1b 6,1b 7,2 1 2 2,2 3,2 4,3 1,3 2 3 3