

# Genoa: 7001125 Trevor Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001125 Trevor\700

Initial Design Date: 29/11/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	8.910m
Leech geodesic:	8.100m
Foot geodesic:	3.500m
Headboard width:	0.035m
Luff perpendicular (HLP):	3.202m
Upper width (HUW):	0.366m
Three-quarter width (HTW):	0.714m
Half width (HHW):	1.474m
Quarter width (HQW):	2.313m
Foot median:	8.414m
ORC Headsail area:	13.690m?
IRC Headsail area:	13.658m?
Surface area:	13.731m?
Forestay height:	14.600m
J:	3.790m

### Draft Stripes

- 1, Luff: 2.949m ; Leech: 2.260m ;
- 2, Luff: 5.894m ; Leech: 5.130m ;

### Luff Curve

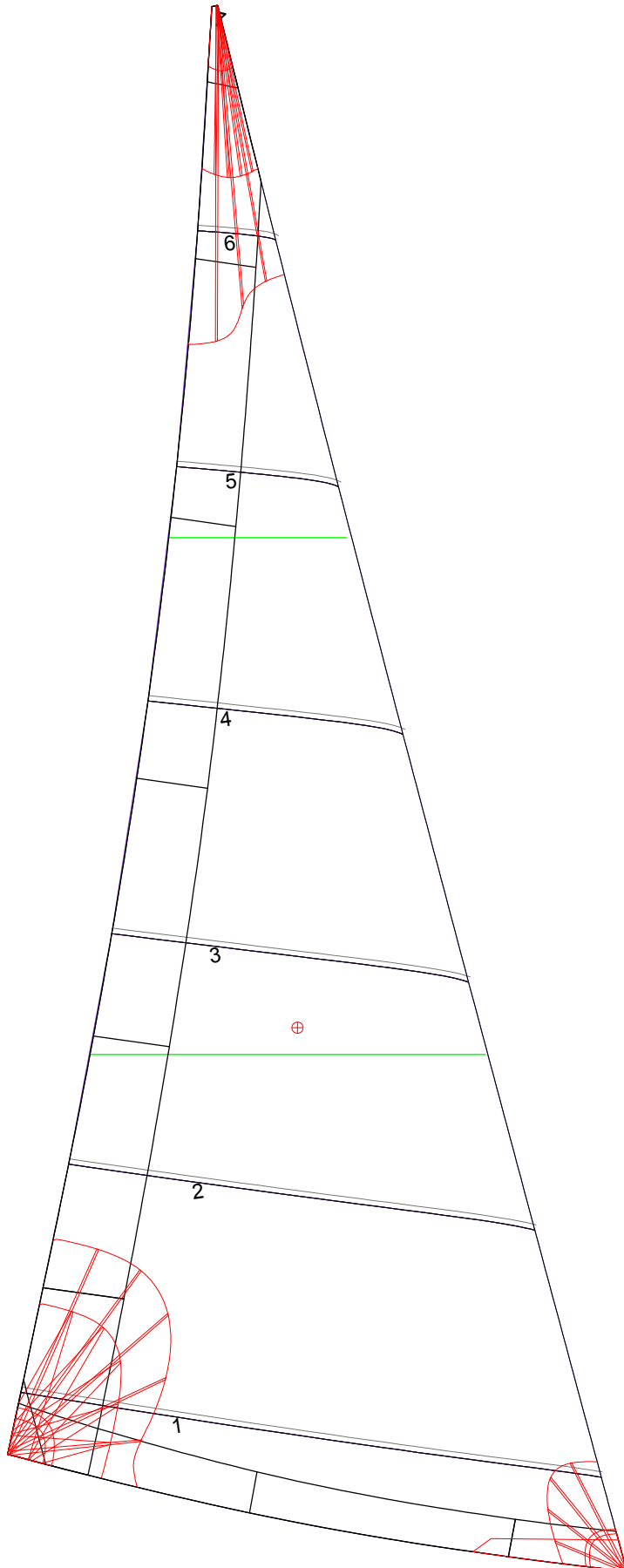
8.909m,	0.000m
8.169m,	0.022m
7.350m,	0.041m
6.629m,	0.050m
5.791m,	0.053m
4.433m,	0.047m
2.895m,	0.032m
1.506m,	0.016m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.170m])

100% (8.909m) :	-0.000m	-0.000m
90% (8.019m) :	-0.023m	0.001m
80% (7.128m) :	-0.041m	0.004m
70% (6.237m) :	-0.050m	0.010m
60% (5.346m) :	-0.052m	0.018m
50% (4.455m) :	-0.048m	0.024m
40% (3.564m) :	-0.041m	0.028m
30% (2.673m) :	-0.033m	0.027m
20% (1.782m) :	-0.023m	0.023m
10% (0.891m) :	-0.012m	0.015m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.030m	0.030m	0.030m
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	0.100m	0.070m
Cover 1	0.070m	0.070m	0.100m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	10.97
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	13.78	1,2,3,4,5 6,7