

# Genoa: 7001104 Tim-2 Scanmar 10 HeadsailV2.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001104 Tim\70011

Initial Design Date: 14/11/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	11.150m
Leech geodesic:	10.577m
Foot geodesic:	5.435m
Headboard width:	0.030m
Luff perpendicular (HLP):	5.130m
Upper width (HUW):	0.576m
Three-quarter width (HTW):	1.149m
Half width (HHW):	2.389m
Quarter width (HQW):	3.732m
Foot median:	10.682m
ORC Headsail area:	27.558m?
IRC Headsail area:	27.492m?
Surface area:	27.740m?
Forestay height:	12.000m
J:	3.800m

### Draft Stripes

1, Luff: 3.696m ; Leech: 3.326m ;  
2, Luff: 7.387m ; Leech: 6.891m ;

### Luff Curve

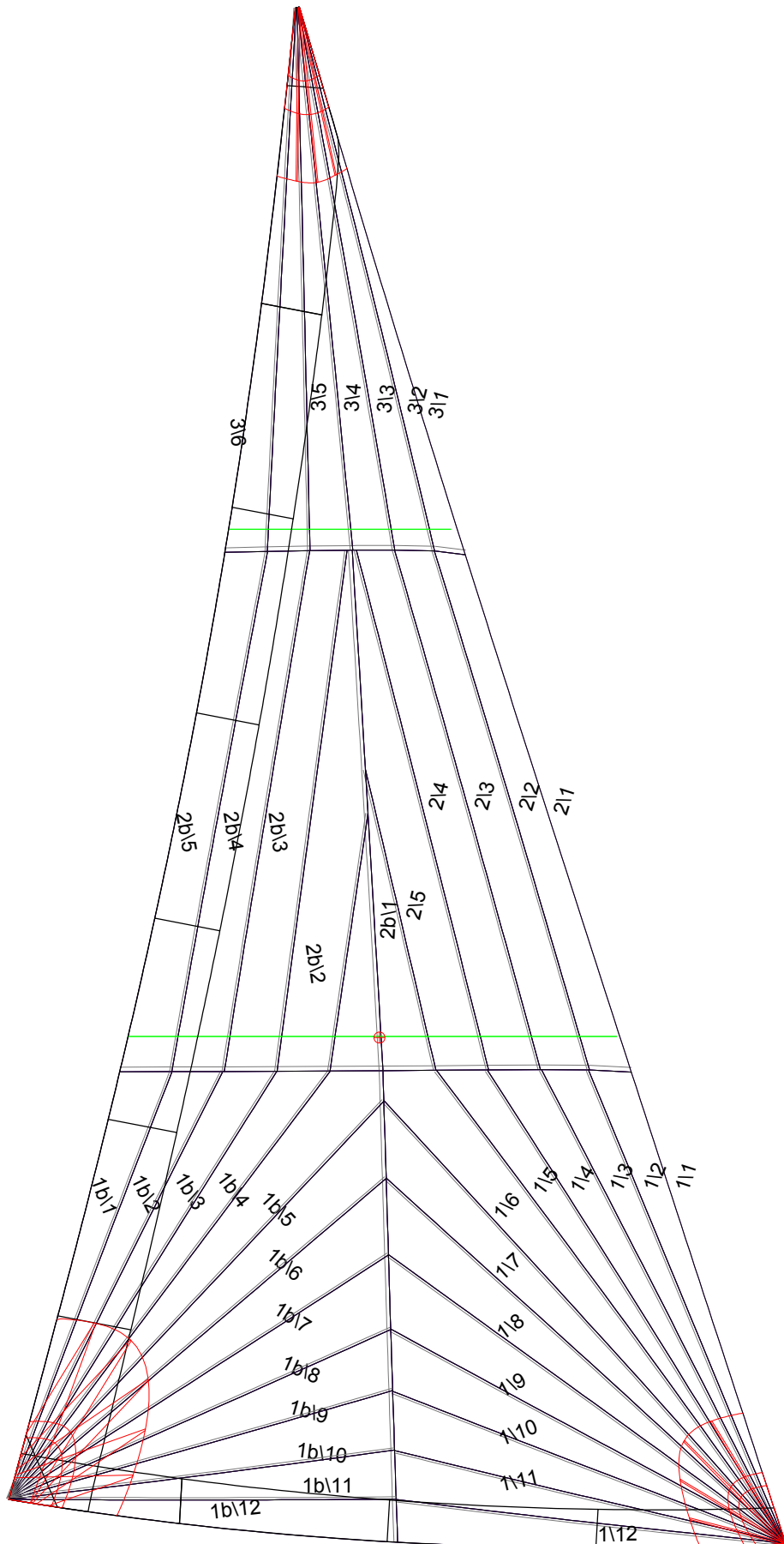
11.148m,	0.000m
10.221m,	0.038m
9.197m,	0.068m
8.295m,	0.084m
7.246m,	0.090m
5.548m,	0.079m
3.623m,	0.054m
1.884m,	0.027m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.269m])

100% (11.148m) :	-0.000m	0.000m
90% (10.033m) :	-0.039m	-0.003m
80% (8.920m) :	-0.068m	-0.001m
70% (7.804m) :	-0.084m	0.007m
60% (6.689m) :	-0.087m	0.019m
50% (5.574m) :	-0.082m	0.030m
40% (4.460m) :	-0.070m	0.037m
30% (3.344m) :	-0.055m	0.037m
20% (2.230m) :	-0.038m	0.033m
10% (1.114m) :	-0.020m	0.021m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.026m	0.016m	0.032m
Zone: 1/b	0.026m	0.016m	0.032m
Zone: 2/a	0.026m	0.016m	0.032m
Zone: 2/b	0.026m	0.016m	0.032m
Zone: 3	0.026m	0.016m	0.032m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m
Cover 3	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.070m	0.070m
Cover 1	0.000m	0.070m	0.070m
Cover 2	0.070m	0.100m	0.070m
Cover 3	0.070m	0.070m	0.100m

## Total Seam Lengths (m)

Horizontal	5.44
Radial/Vertical	119.43
Bi-Radial Split	7.18

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	27.80	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,2\1 2\2,2\3,2\4,2\5,2b\1 2b\2,2b\3,2b\4,2b\5,3\1 3\2,3\3,3\4,3\5,3\6