

# Genoa: 6000912 Jonathan 130%Headsail.des

Design Info  
=====

Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\6000912 Jonathan

Initial Design Date: 10/7/2024  
Boat:

Comments:

Client:

Design Data  
=====

## Genoa

### Measurements

Luff geodesic:	11.617m
Leech geodesic:	10.625m
Foot geodesic:	4.804m
Headboard width:	0.050m
Luff perpendicular (HLP):	4.418m
Upper width (HUW):	0.484m
Three-quarter width (HTW):	0.948m
Half width (HHW):	2.026m
Quarter width (HQW):	3.199m
Foot median:	10.984m
ORC Headsail area:	24.527m?
IRC Headsail area:	24.428m?
Surface area:	24.625m?
Forestay height:	10.363m
J:	3.399m

### Draft Stripes

- 1, Luff: 3.851m ; Leech: 3.102m ;
- 2, Luff: 7.695m ; Leech: 6.793m ;

### Luff Curve

11.615m,	0.000m
10.650m,	0.039m
9.582m,	0.071m
8.643m,	0.088m
7.550m,	0.094m
5.780m,	0.082m
3.775m,	0.056m
1.963m,	0.028m
0.000m,	0.000m

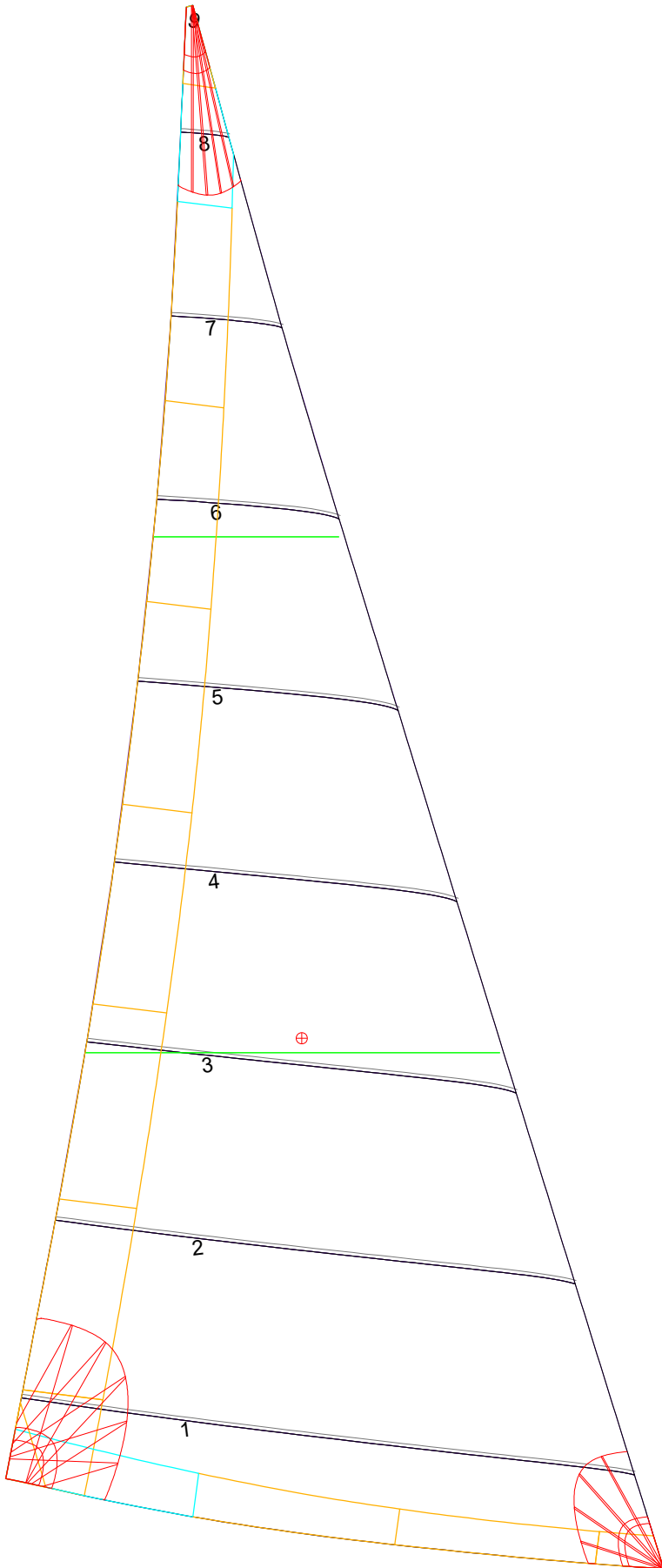
### Fanned Luff (@ 5.00% [0.234m])

100% (11.615m) :	-0.000m
90% (10.453m) :	-0.045m
80% (9.294m) :	-0.083m
70% (8.131m) :	-0.098m
60% (6.970m) :	-0.096m
50% (5.808m) :	-0.087m
40% (4.646m) :	-0.072m
30% (3.485m) :	-0.055m
20% (2.323m) :	-0.037m
10% (1.161m) :	-0.018m
0% (0.000m) :	0.000m

### Before BSeam

0.000m
-0.019m
-0.031m
-0.021m
0.001m
0.020m
0.031m
0.035m
0.030m
0.017m
0.000m

# Genoa: 6000912 Jonathan 130% Headsail.des



## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
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	18.74
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	24.70	1,2,3,4,5 6,7,8,9