

# Genoa: 7001022 Ann Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001022 Ann\70010

Initial Design Date: 31/10/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	10.741m
Leech geodesic:	10.280m
Foot geodesic:	4.560m
Headboard width:	0.025m
Luff perpendicular (HLP):	4.359m
Upper width (HUW):	0.478m
Three-quarter width (HTW):	0.960m
Half width (HHW):	2.019m
Quarter width (HQW):	3.174m
Foot median:	10.404m
ORC Headsail area:	22.495m?
IRC Headsail area:	22.414m?
Surface area:	22.644m?
Forestay height:	11.450m
J:	3.100m

### Draft Stripes

- 1, Luff: 3.559m ; Leech: 3.246m ;
- 2, Luff: 7.112m ; Leech: 6.705m ;

### Luff Curve

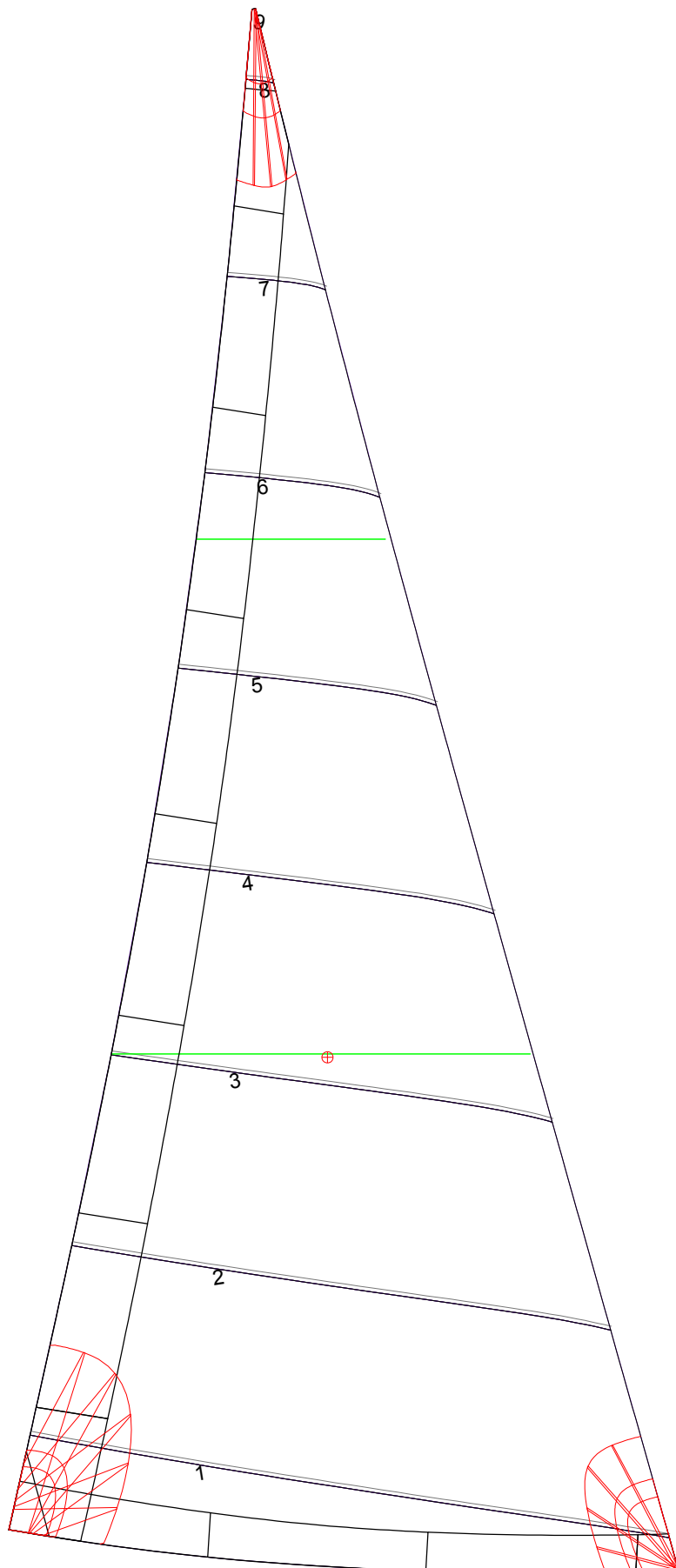
10.739m,	0.000m
9.847m,	0.036m
8.860m,	0.066m
7.991m,	0.081m
6.981m,	0.087m
5.344m,	0.076m
3.490m,	0.052m
1.815m,	0.026m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.222m])

100% (10.739m) :	-0.000m	0.000m
90% (9.665m) :	-0.041m	-0.010m
80% (8.593m) :	-0.070m	-0.011m
70% (7.518m) :	-0.085m	-0.003m
60% (6.444m) :	-0.086m	0.011m
50% (5.370m) :	-0.077m	0.025m
40% (4.296m) :	-0.064m	0.035m
30% (3.222m) :	-0.049m	0.039m
20% (2.148m) :	-0.033m	0.035m
10% (1.073m) :	-0.017m	0.021m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.026m	0.026m	0.026m
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

Sail:	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	17.81
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	22.69	1,2,3,4,5 6,7,8,9