

# Genoa: 6000402 genoa.des

## Design Info

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## Design File:

F:\Dropbox\Dropbox\Fareast Sails\2022 Order\6000402 Genoa\6000402 genoa.des

Initial Design Date: 21/4/2022  
Boat:

Comments:

Client:

## Design Data

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## Genoa

### Measurements

Luff geodesic:	13.900m
Leech geodesic:	12.277m
Foot geodesic:	5.189m
Headboard width:	0.040m
Luff perpendicular (HLP):	4.510m
Upper width (HUW):	0.520m
Three-quarter width (HTW):	1.013m
Half width (HHW):	2.093m
Quarter width (HQW):	3.266m
Foot median:	13.010m
ORC Headsail area:	30.138m?
IRC Headsail area:	30.123m?
Surface area:	30.458m?
Forestay height:	14.210m
J:	4.200m

### Luff Curve

13.899m,	0.000m
10.424m,	0.059m
6.950m,	0.079m
3.475m,	0.059m
0.000m,	0.000m

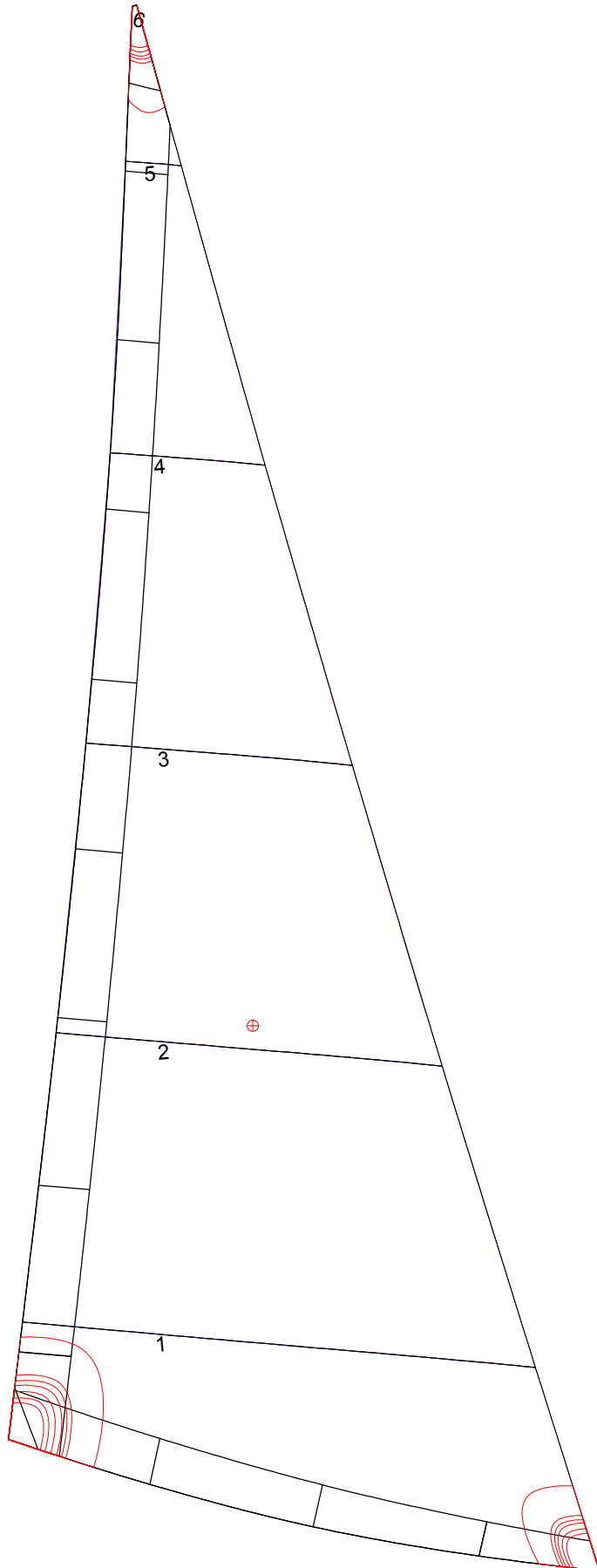
### Fanned Luff (@ 5.00% [0.252m])

100% (13.899m) :	-0.000m
90% (12.507m) :	-0.026m
80% (11.120m) :	-0.050m
70% (9.729m) :	-0.068m
60% (8.340m) :	-0.077m
50% (6.949m) :	-0.080m
40% (5.560m) :	-0.077m
30% (4.169m) :	-0.068m
20% (2.781m) :	-0.050m
10% (1.388m) :	-0.026m
0% (0.000m) :	0.000m

### Before BSeam

0.000m
-0.021m
-0.041m
-0.056m
-0.064m
-0.066m
-0.064m
-0.056m
-0.042m
-0.021m
0.000m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.060m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

## 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	0.100m	0.070m
Cover 2	0.070m	0.100m	0.070m
Cover 3	0.070m	0.100m	0.070m

## Total Seam Lengths (m)

Horizontal	11.89
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	30.68	1,2,3,4,5 6