

# Genoa: 6000420- Head-V7-0914.des

Design Info  
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Design File:  
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000420 Marc\6000420- Head-V7-0914.des

Initial Design Date: 18/5/2022  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

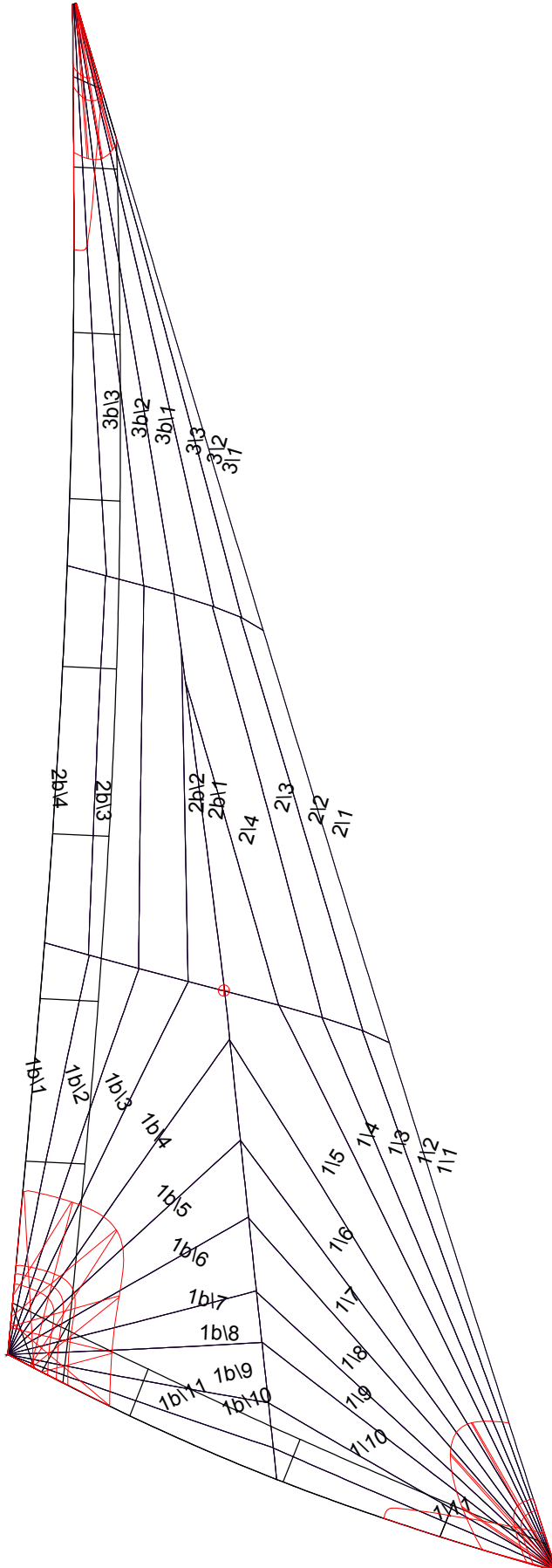
Luff geodesic:	14.150m
Leech geodesic:	11.727m
Foot geodesic:	5.163m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.132m
Upper width (HUW):	0.490m
Three-quarter width (HTW):	0.961m
Half width (HHW):	1.973m
Quarter width (HQW):	3.043m
Foot median:	12.899m
ORC Headsail area:	28.549m?
IRC Headsail area:	28.502m?
Surface area:	28.969m?
Forestay height:	14.190m
J:	4.350m

## Luff Curve

14.148m,	0.000m
10.611m,	0.061m
7.075m,	0.081m
3.537m,	0.061m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.237m])		Before BSeam
100% (14.148m) :	0.000m	-0.000m
90% (12.735m) :	-0.030m	0.013m
80% (11.318m) :	-0.057m	0.027m
70% (9.904m) :	-0.078m	0.042m
60% (8.489m) :	-0.091m	0.055m
50% (7.074m) :	-0.096m	0.061m
40% (5.659m) :	-0.092m	0.060m
30% (4.244m) :	-0.081m	0.053m
20% (2.829m) :	-0.061m	0.039m
10% (1.414m) :	-0.032m	0.020m
0% (0.000m) :	0.000m	0.000m

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3/a	0.038m	0.015m	0.038m
Zone: 3/b	0.038m	0.015m	0.038m
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

	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	5.20
Radial/Vertical	112.08
Bi-Radial Split	13.25

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	29.03	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1b\1,1b\2,1b\3,1b\4 1b\5,1b\6,1b\7,1b\8,1b\9 1b\10,1b\11,2\1,2\2,2\3 2\4,2b\1,2b\2,2b\3,2b\4 3\1,3\2,3\3,3b\1,3b\2 3b\3