

# Genoa: 5000114 Head-2 v3.des

## Design Info

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## Design File:

F:\Dropbox (个人)\Fareast Sails\2021\5000114 Torodd-1-2\5000114 Head-2 v3.des

Initial Design Date: 1/2/2021  
Boat:

Comments:

Client:

## Design Data

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## Genoa

### Measurements

Luff geodesic:	14.520m
Leech geodesic:	13.978m
Foot geodesic:	6.557m
Headboard width:	0.040m
Luff perpendicular (HLP):	6.286m
Upper width (HUW):	0.750m
Three-quarter width (HTW):	1.489m
Half width (HHW):	3.082m
Quarter width (HQW):	4.694m
Foot median:	14.174m
ORC Headsail area:	45.114m?
IRC Headsail area:	45.013m?
Surface area:	45.945m?
Forestay height:	14.210m
J:	4.200m

### Luff Curve

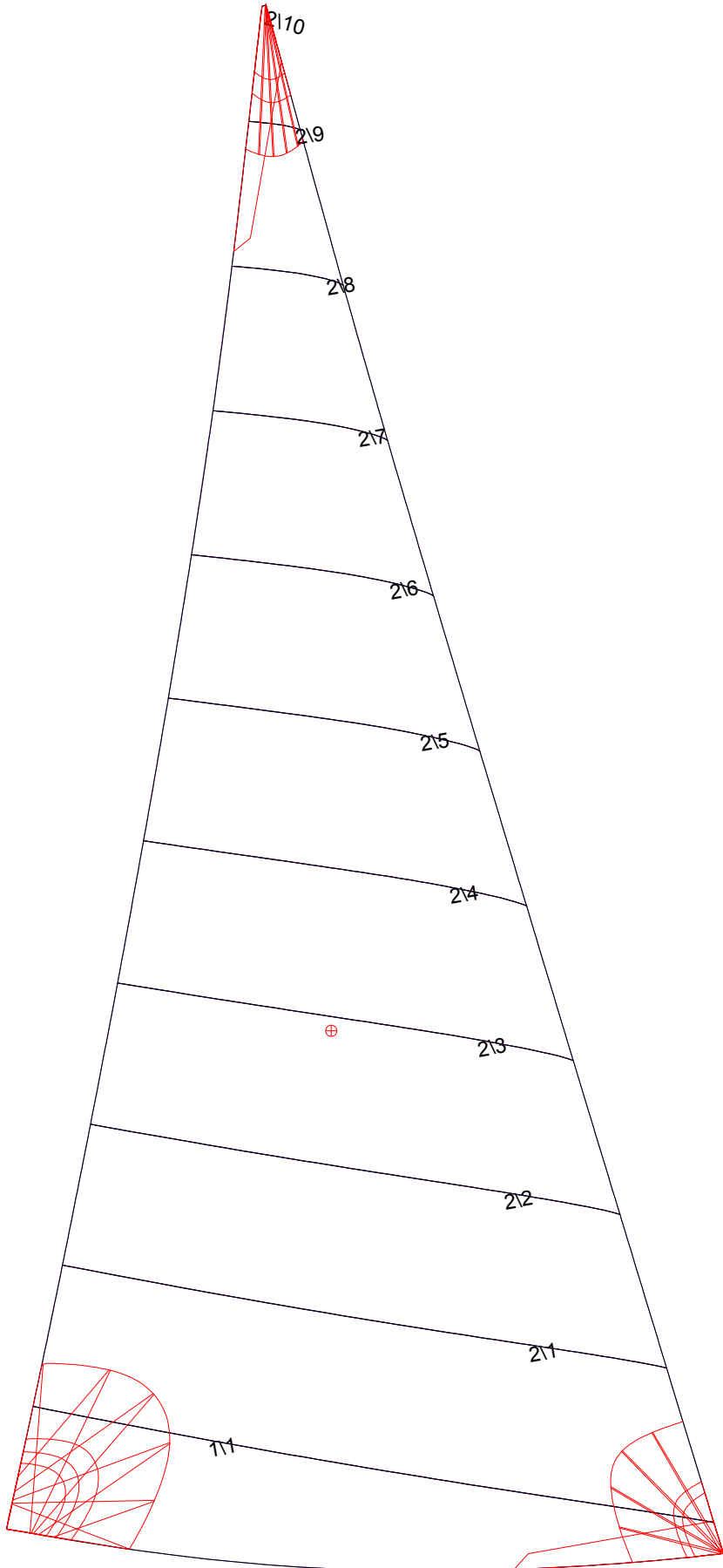
14.517m,	0.000m
13.311m,	0.048m
11.977m,	0.087m
10.802m,	0.107m
9.437m,	0.114m
7.224m,	0.100m
4.718m,	0.068m
2.454m,	0.034m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.323m])

100% (14.517m) :	-0.000m	0.000m
90% (13.065m) :	-0.051m	0.004m
80% (11.616m) :	-0.095m	0.013m
70% (10.163m) :	-0.114m	0.036m
60% (8.711m) :	-0.115m	0.063m
50% (7.259m) :	-0.105m	0.082m
40% (5.807m) :	-0.089m	0.089m
30% (4.355m) :	-0.069m	0.084m
20% (2.904m) :	-0.048m	0.064m
10% (1.451m) :	-0.025m	0.031m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1	0.015m	0.015m	0.025m
Zone: 2	0.015m	0.015m	0.025m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	33.98
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	46.05	111,211,212,213,214 215,216,217,218,219 210