

# Genoa: 5000114 Head-2 v2.des

## Design Info

=====

## Design File:

D:\dropbox\Dropbox\Fareast Sails\2021\5000114 Torodd-1-2\5000114 Head-2 v2.des

Initial Design Date: 1/2/2021

Boat:

Comments:

Client:

## Design Data

=====

### Genoa

#### Measurements

Luff geodesic:	14.520m
Leech geodesic:	14.028m
Foot geodesic:	6.557m
Headboard width:	0.040m
Luff perpendicular (HLP):	6.300m
Upper width (HUW):	0.751m
Three-quarter width (HTW):	1.493m
Half width (HHW):	3.089m
Quarter width (HQW):	4.705m
Foot median:	14.199m
ORC Headsail area:	45.218m <sup>2</sup>
IRC Headsail area:	45.118m <sup>2</sup>
Surface area:	46.046m <sup>2</sup>
Forestay height:	14.210m
J:	4.200m

#### Luff Curve

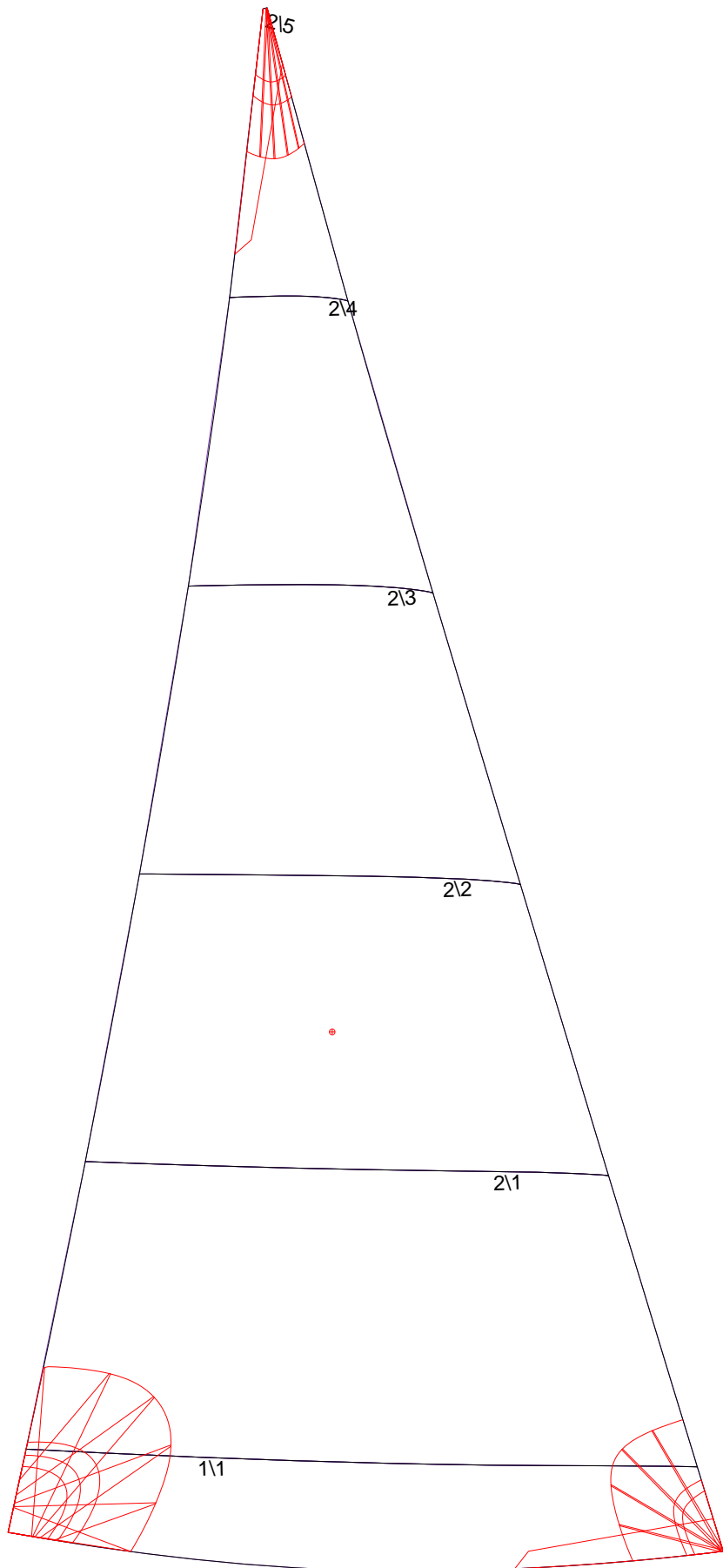
14.517m,	0.000m
13.311m,	0.048m
11.977m,	0.087m
10.802m,	0.107m
9.437m,	0.114m
7.224m,	0.100m
4.718m,	0.068m
2.454m,	0.034m
0.000m,	0.000m

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

100% (14.518m) :	-0.000m	0.000m
90% (13.065m) :	-0.050m	0.004m
80% (11.616m) :	-0.094m	0.013m
70% (10.163m) :	-0.113m	0.036m
60% (8.711m) :	-0.114m	0.063m
50% (7.259m) :	-0.104m	0.082m
40% (5.807m) :	-0.088m	0.089m
30% (4.355m) :	-0.068m	0.084m
20% (2.904m) :	-0.047m	0.064m
10% (1.451m) :	-0.025m	0.031m
0% (0.000m) :	0.000m	0.000m

#### Before BSeam

# Genoa: 5000114 Head-2 v2.des



## Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.060m
Zone: 2	0.000m	0.000m	0.060m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	18.40
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	46.18	1\1,2\1,2\2,2\3,2\4 2\5

# Genoa: 5000114 Head-2 v2.des

