

# Genoa: 6000106 Jeff-v3

## Design Info

=====

## Design File:

E:\dropbox\Dropbox\Fareast Sails\2022 Order\6000106 Jeff\6000106 Jeff-v3.des

Initial Design Date: 14/1/2022

Boat:

Comments:

Client:

## Design Data

=====

### Genoa

#### Measurements

Luff geodesic:	9.680m
Leech geodesic:	8.779m
Foot geodesic:	5.146m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.662m
Upper width (HUW):	0.551m
Three-quarter width (HTW):	1.090m
Half width (HHW):	2.248m
Quarter width (HQW):	3.451m
Foot median:	9.061m
ORC Headsail area:	22.129m <sup>2</sup>
IRC Headsail area:	22.088m <sup>2</sup>
Surface area:	22.509m <sup>2</sup>
Forestay height:	10.360m
J:	3.730m

#### Luff Curve

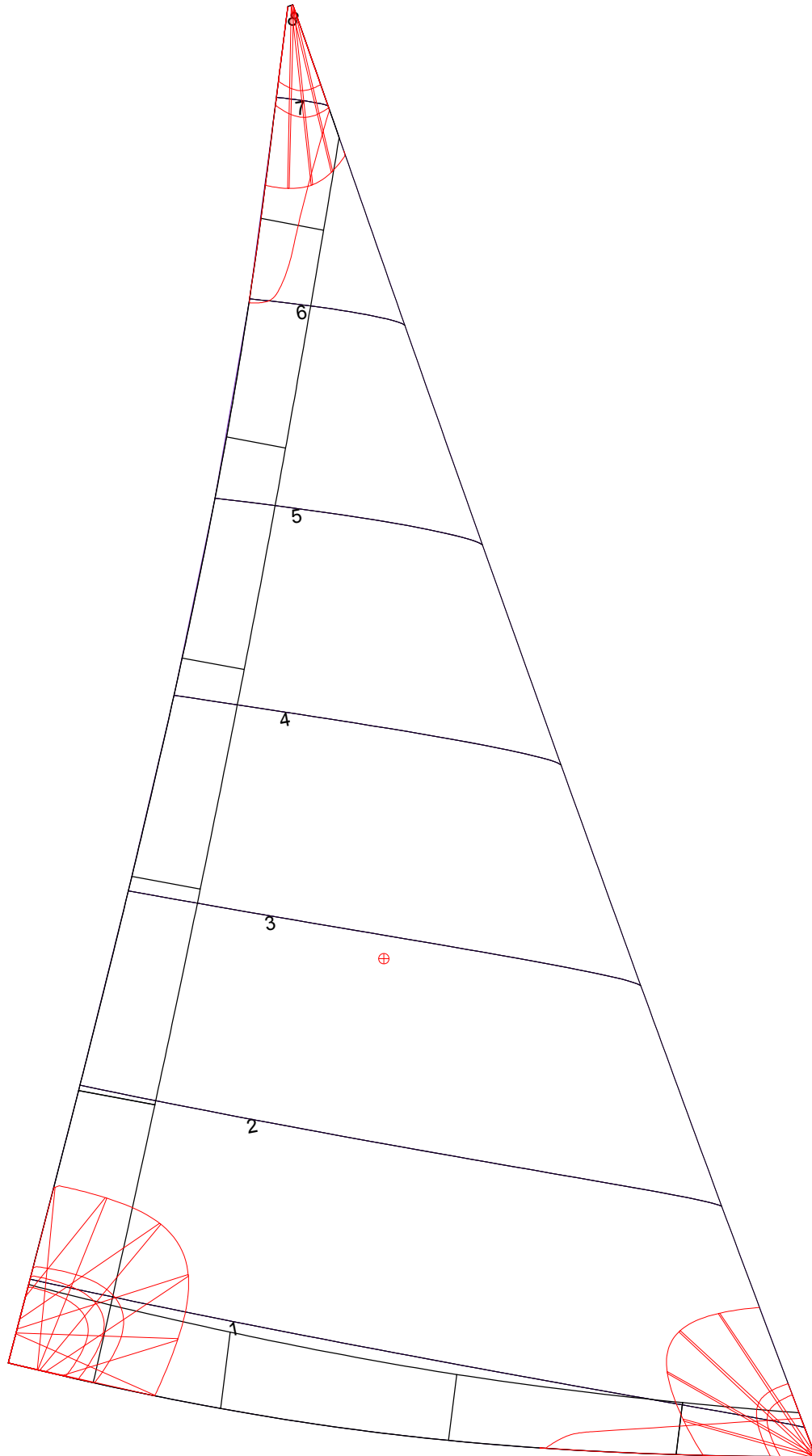
9.679m,	0.000m
7.259m,	0.042m
4.840m,	0.056m
2.420m,	0.042m
0.000m,	0.000m

#### Fanned Luff (@ 5.00% [0.253m])

100% (9.679m) :	-0.000m	-0.000m
90% (8.711m) :	-0.018m	0.009m
80% (7.744m) :	-0.034m	0.018m
70% (6.775m) :	-0.046m	0.028m
60% (5.808m) :	-0.054m	0.035m
50% (4.839m) :	-0.058m	0.037m
40% (3.872m) :	-0.057m	0.034m
30% (2.903m) :	-0.051m	0.028m
20% (1.936m) :	-0.039m	0.019m
10% (0.967m) :	-0.021m	0.008m
0% (0.000m) :	0.000m	0.000m

#### Before BSeam

# Genoa: 6000106 Jeff-v3



## Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.050m	0.070m	0.070m
Cover 1	0.050m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	18.36
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	22.57	1,2,3,4,5 6,7,8