

# Genoa: 3000102Peter headsail R0

## Design Info

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## Design File:

E:\Dropbox\Mike computer\Fareast Sails Production\2018\3000102Peter\3000102Peter headsail R0.des

Initial Design Date: 4/1/2019

Boat:

Client:

Comments:

## Design Data

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## Genoa

### Measurements

Luff geodesic:	8.660m
Leech geodesic:	7.800m
Foot geodesic:	3.200m
Headboard width:	0.030m
Luff perpendicular (HLP):	2.887m
Upper width (HUW):	0.328m
Three-quarter width (HTW):	0.643m
Half width (HHW):	1.347m
Quarter width (HQW):	2.102m
Foot median:	8.163m
ORC Headsail Area:	12.042m?
IRC Headsail Area:	12.023m?
Surface Area:	12.126m?

### Luff Curve

8.660m,	0.000m
6.495m,	0.026m
4.330m,	0.035m
2.165m,	0.026m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0. Before BSeam

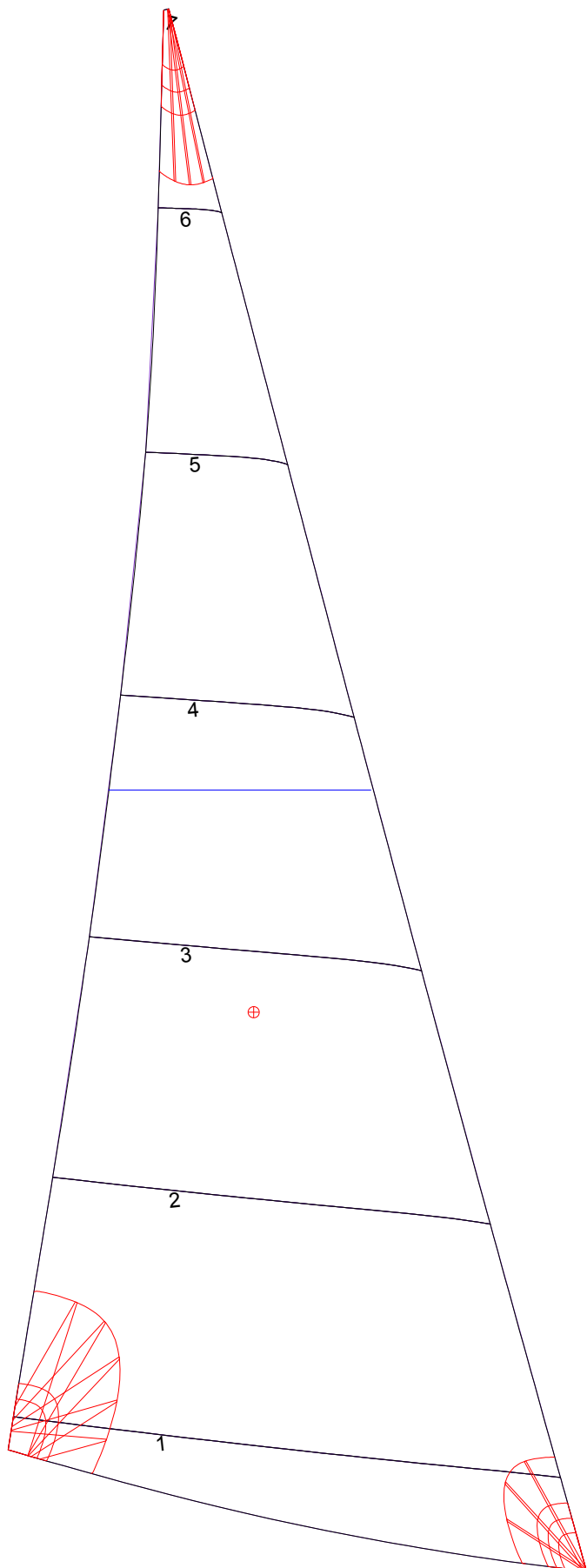
100% (8.660m) :	-0.000m	-0.000m
90% (7.794m) :	-0.012m	0.008m
80% (6.928m) :	-0.024m	0.016m
70% (6.062m) :	-0.033m	0.024m
60% (5.196m) :	-0.038m	0.028m
50% (4.330m) :	-0.041m	0.028m
40% (3.464m) :	-0.040m	0.026m
30% (2.598m) :	-0.036m	0.022m
20% (1.732m) :	-0.027m	0.017m
10% (0.865m) :	-0.015m	0.009m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.020m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Materials		
Material	Area (m <sup>2</sup> )	Panels
Material 1	12.15	1,2,3,4,5 6,7



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