

# Genoa: 3000501 William headsail R0

## Design Info

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## Design File:

C:\Users\Mike\Desktop\20190506\3000501 William\3000501 William headsail R0.des

Initial Design Date: 7/5/2019  
Boat:

Comments:

Client:

## Design Data

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### Genoa

#### Measurements

Luff geodesic:	39.060Ft
Leech geodesic:	36.400Ft
Foot geodesic:	19.335Ft
Headboard width:	0.100Ft
Luff perpendicular (HLP):	18.000Ft
Upper width (HUW):	1.944Ft
Three-quarter width (HTW):	3.905Ft
Half width (HHW):	8.375Ft
Quarter width (HQW):	13.111Ft
Foot median:	37.158Ft
ORC Headsail Area:	337.405Ft?
IRC Headsail Area:	336.539Ft?
Surface Area:	341.115Ft?

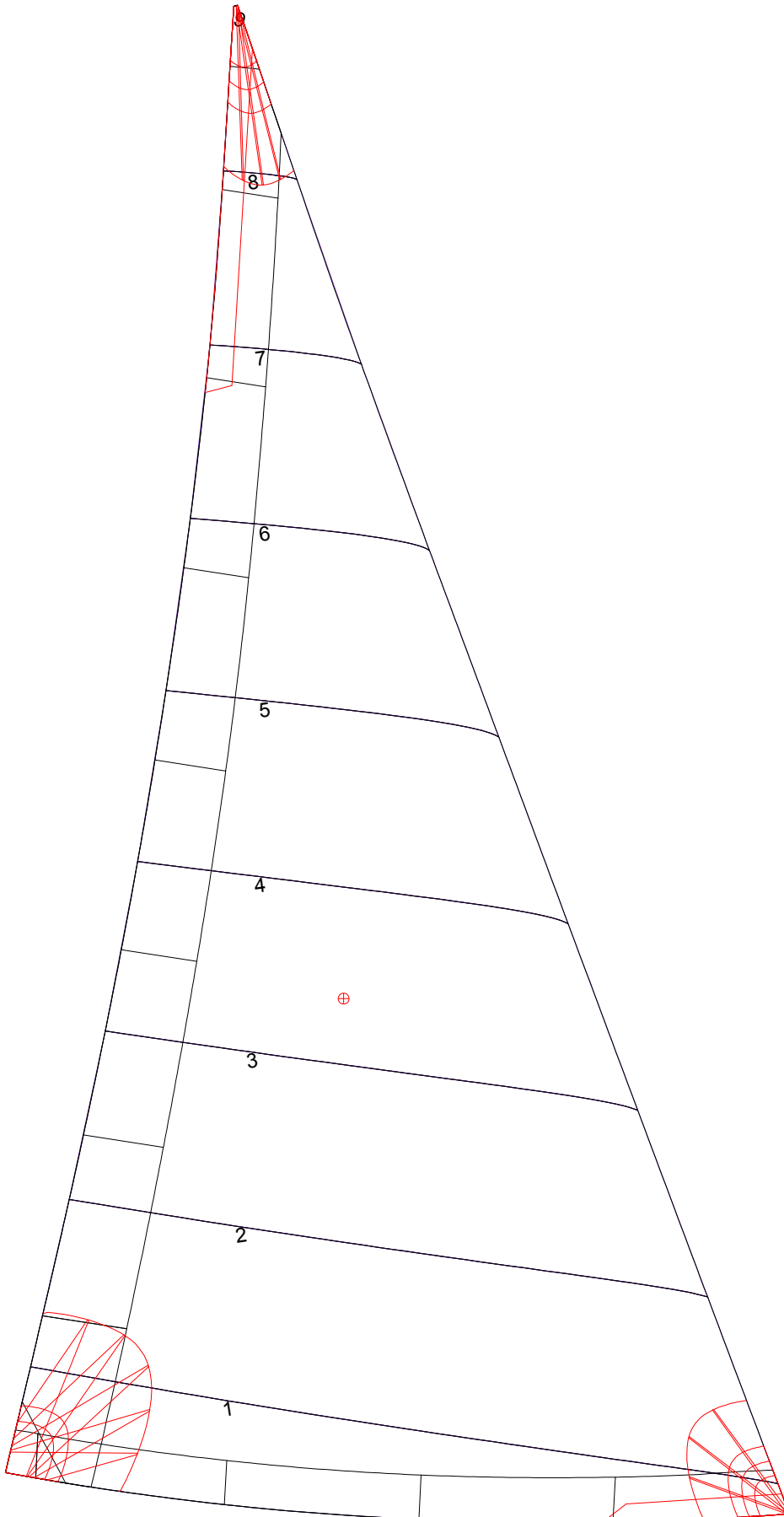
#### Luff Curve

39.052Ft,	0.000Ft
35.807Ft,	0.132Ft
32.218Ft,	0.239Ft
29.059Ft,	0.295Ft
25.385Ft,	0.316Ft
19.434Ft,	0.277Ft
12.692Ft,	0.188Ft
6.601Ft,	0.094Ft
0.000Ft,	0.000Ft

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

100% (39.053Ft) :	-0.000Ft	0.000Ft
90% (35.143Ft) :	-0.149Ft	-0.039Ft
80% (31.249Ft) :	-0.272Ft	-0.053Ft
70% (27.339Ft) :	-0.321Ft	0.004Ft
60% (23.434Ft) :	-0.317Ft	0.091Ft
50% (19.528Ft) :	-0.288Ft	0.151Ft
40% (15.622Ft) :	-0.243Ft	0.176Ft
30% (11.716Ft) :	-0.189Ft	0.167Ft
20% (7.813Ft) :	-0.131Ft	0.128Ft
10% (3.902Ft) :	-0.068Ft	0.064Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

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## Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000Ft	0.000Ft	0.098Ft
Cover 1	0.115Ft	0.115Ft	0.115Ft
Cover 2	0.000Ft	0.000Ft	0.000Ft
Cover 3	0.000Ft	0.000Ft	0.000Ft
Cover 4	0.082Ft	0.082Ft	0.082Ft

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft
Cover 0	0.230Ft	0.230Ft	0.328Ft
Cover 1	0.000Ft	0.000Ft	0.000Ft
Cover 2	0.000Ft	0.000Ft	0.000Ft
Cover 3	0.230Ft	0.230Ft	0.230Ft

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	342.12	1,2,3,4,5 6,7,8,9

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