Genoa: 3000702 Philip headsail R0

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000702 Philip\3000702 Philip headsail R0.des

Comments:

Initial Design Date: 5/7/2019
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	38.980Ft
Leech geodesic:	37.567Ft
Foot geodesic:	16.914Ft
Headboard width:	0.100Ft
Luff perpendicular (HLP):	16.200Ft
Upper width (HUW):	1.751Ft
Three-quarter width (HTW):	3.515Ft
Half width (HHW):	7.550Ft
Quarter width (HQW):	11.806Ft
Foot median:	37.911Ft
ORC Headsail Area:	303.220Ft?
IRC Headsail Area:	302.458Ft?
Surface Area:	305.725Ft?

Luff Curve

38.973Ft,	0.000Ft
35.734Ft,	0.132Ft
32.152Ft,	0.239Ft
28.999Ft,	0.294Ft
25.333Ft,	0.315Ft
19.394Ft,	0.276Ft
12.666Ft,	0.188Ft
6.587Ft,	0.094Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [0.!	Before BSeam	
100% (38.973Ft) :	0.000Ft	0.000Ft
90% (35.072Ft) :	-0.144Ft	-0.049Ft
80% (31.184Ft) :	-0.263Ft	-0.074Ft
70% (27.283Ft) :	-0.310Ft	-0.029Ft
60% (23.386Ft) :	-0.306Ft	0.048Ft
50% (19.488Ft) :	-0.277Ft	0.103Ft
40% (15.590Ft) :	-0.234Ft	0.128Ft
30% (11.692Ft) :	-0.182Ft	0.125Ft
20% (7.796Ft) :	-0.125Ft	0.096Ft
10% (3.895Ft) :	-0.065Ft	0.048Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

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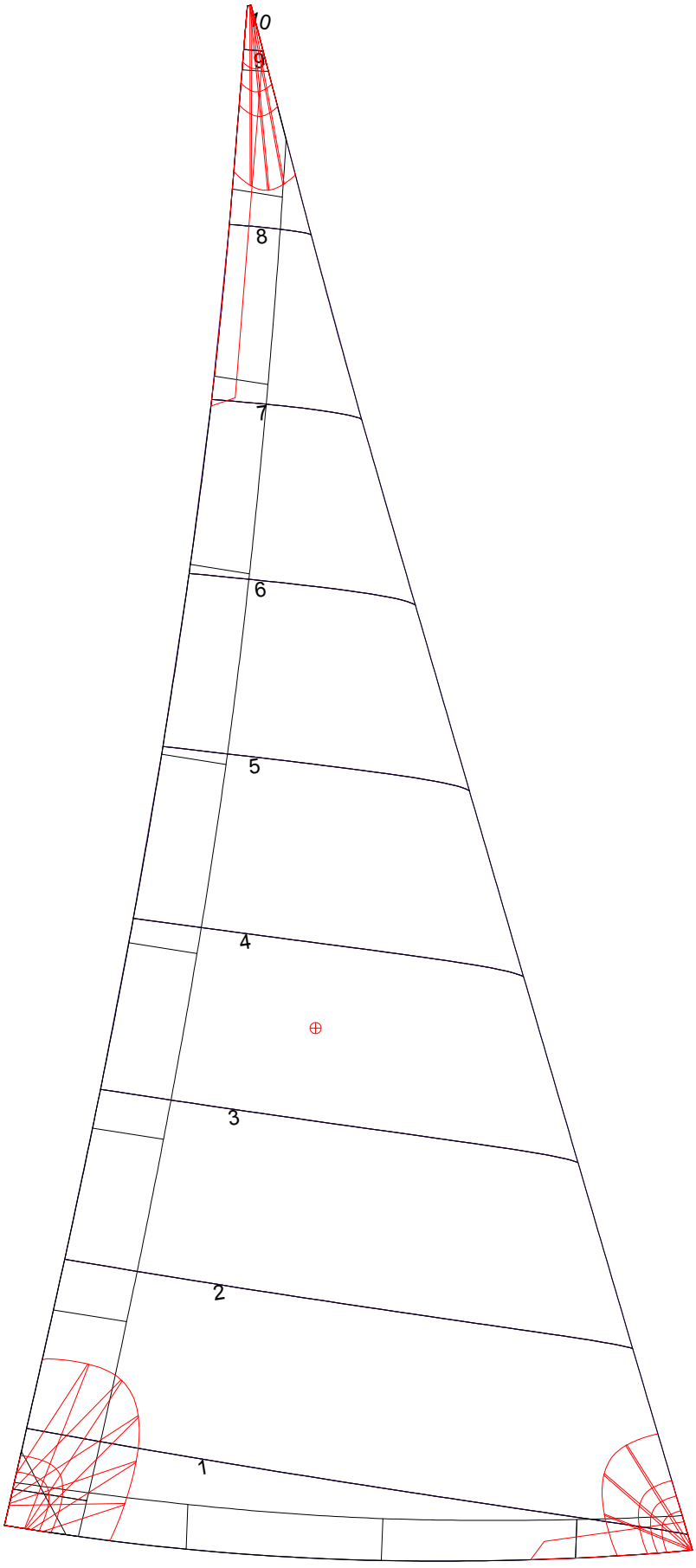


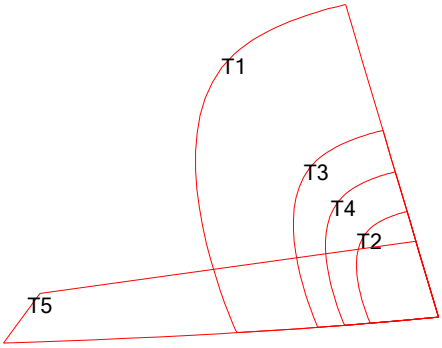
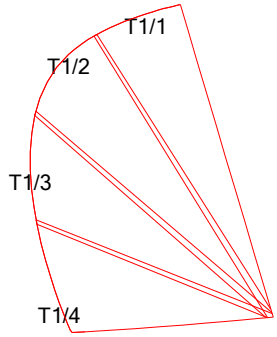
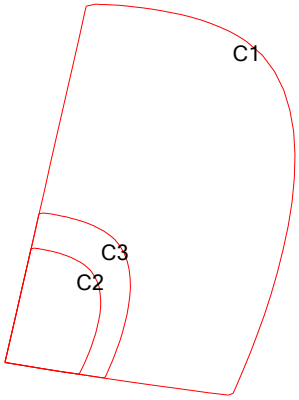
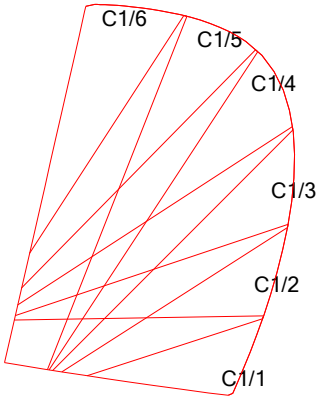
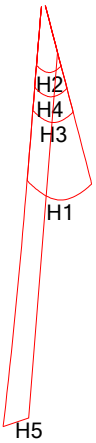
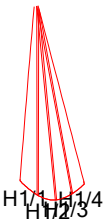
Seam Allowances

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

Edge Excesses

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

Materials

Material	Area (Ft?	Panels
Material 1	306.62	1,2,3,4,5 6,7,8,9,10

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