

Mainsail: 3000703 Colin furling main R1

Design Info

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Initial Design Date: 3/7/2019
Boat:

Client:

Design File:

E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000703 Colin-1-2\3000703 Colin furling main R1.c

Comments:

Design Data

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Main

Measurements

Luff geodesic:	13.300m
Leech geodesic:	13.600m
Foot geodesic:	4.600m
Head geodesic:	0.030m
Upper width (MUW):	0.521m
Three-quarter width (MTW):	1.038m
Half width (MHW):	2.165m
Quarter width (MQW):	3.349m
Foot median:	13.295m
ORC Mainsail area:	29.462m?
Surface area:	29.222m?

Luff Curve

13.300m,	0.000m
9.975m,	0.000m
6.650m,	0.000m
3.325m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0. Before BSeam

100% (13.300m) :	0.000m	0.000m
90% (11.970m) :	-0.000m	0.018m
80% (10.640m) :	-0.001m	0.036m
70% (9.310m) :	-0.001m	0.055m
60% (7.980m) :	-0.001m	0.069m
50% (6.650m) :	-0.002m	0.076m
40% (5.320m) :	-0.004m	0.073m
30% (3.990m) :	-0.005m	0.060m
20% (2.660m) :	-0.005m	0.043m
10% (1.330m) :	-0.004m	0.021m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

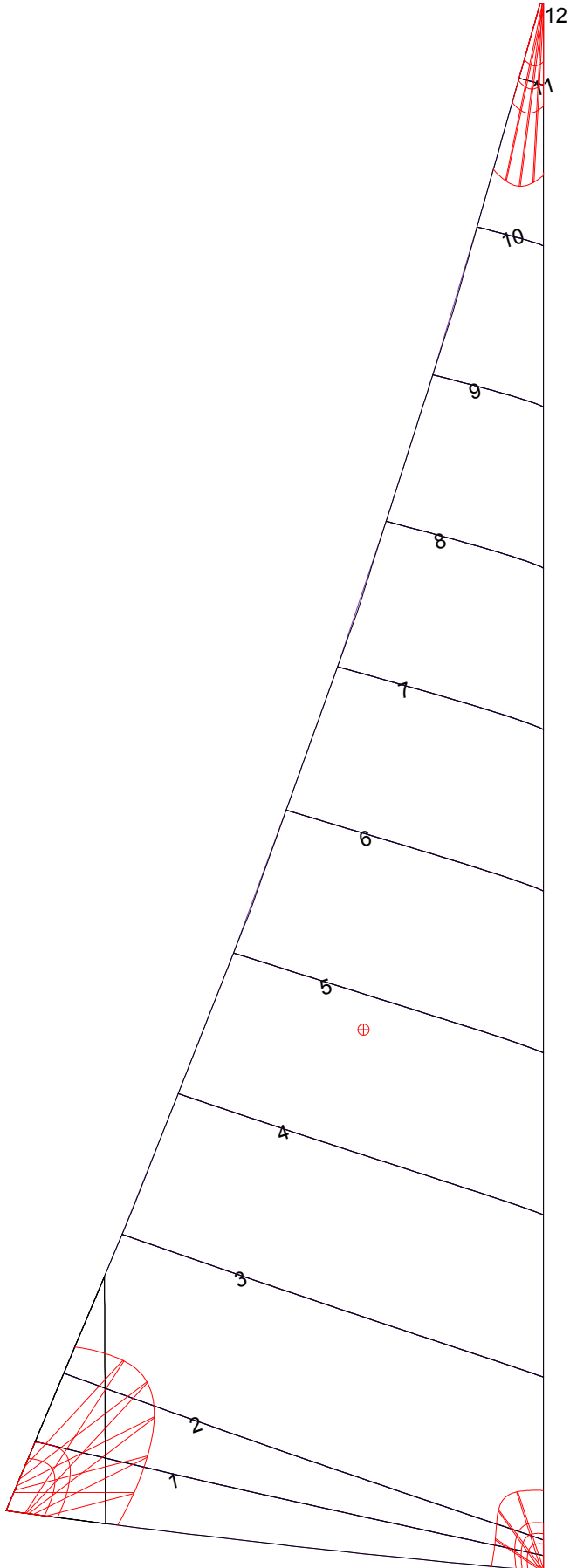
Zone:	Split	Radial	Cross
1	0.000m	0.000m	0.030m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m

Edge Excesses

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

Materials

Material	Area (m ²)	Panels
Material 1	29.30	1,2,3,4,5 6,7,8,9,10 11,12



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