Genoa: 3001222 Colin-2 Headsail R1

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2020\3001222 Colin-1-2-3-4\3001222 Colin-2 Headsail R

Comments:

Initial Design Date: 9/1/2020
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	14.780m
Leech geodesic:	13.500m
Foot geodesic:	6.100m
Headboard width:	0.030m
Luff perpendicular (HLP):	5.615m
Upper width (HUW):	0.594m
Three-quarter width (HTW):	1.194m
Half width (HHW):	2.582m
Quarter width (HQW):	4.077m
Foot median:	14.031m
ORC Headsail Area:	39.599m?
IRC Headsail Area:	39.460m?
Surface Area:	40.016m?

Luff Curve

14.777m,	0.000m
13.549m,	0.050m
12.191m,	0.091m
10.996m,	0.111m
9.605m,	0.119m
7.354m,	0.105m
4.803m,	0.071m
2.498m,	0.036m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.:

	Before BSeam	
100% (14.777m) :	0.000m	-0.000m
90% (13.299m) :	-0.057m	-0.018m
80% (11.824m) :	-0.104m	-0.028m
70% (10.345m) :	-0.125m	-0.012m
60% (8.867m) :	-0.124m	0.017m
50% (7.389m) :	-0.113m	0.042m
40% (5.911m) :	-0.095m	0.057m
30% (4.433m) :	-0.074m	0.060m
20% (2.956m) :	-0.050m	0.049m
10% (1.477m) :	-0.026m	0.026m
0% (0.000m) :	0.000m	0.000m

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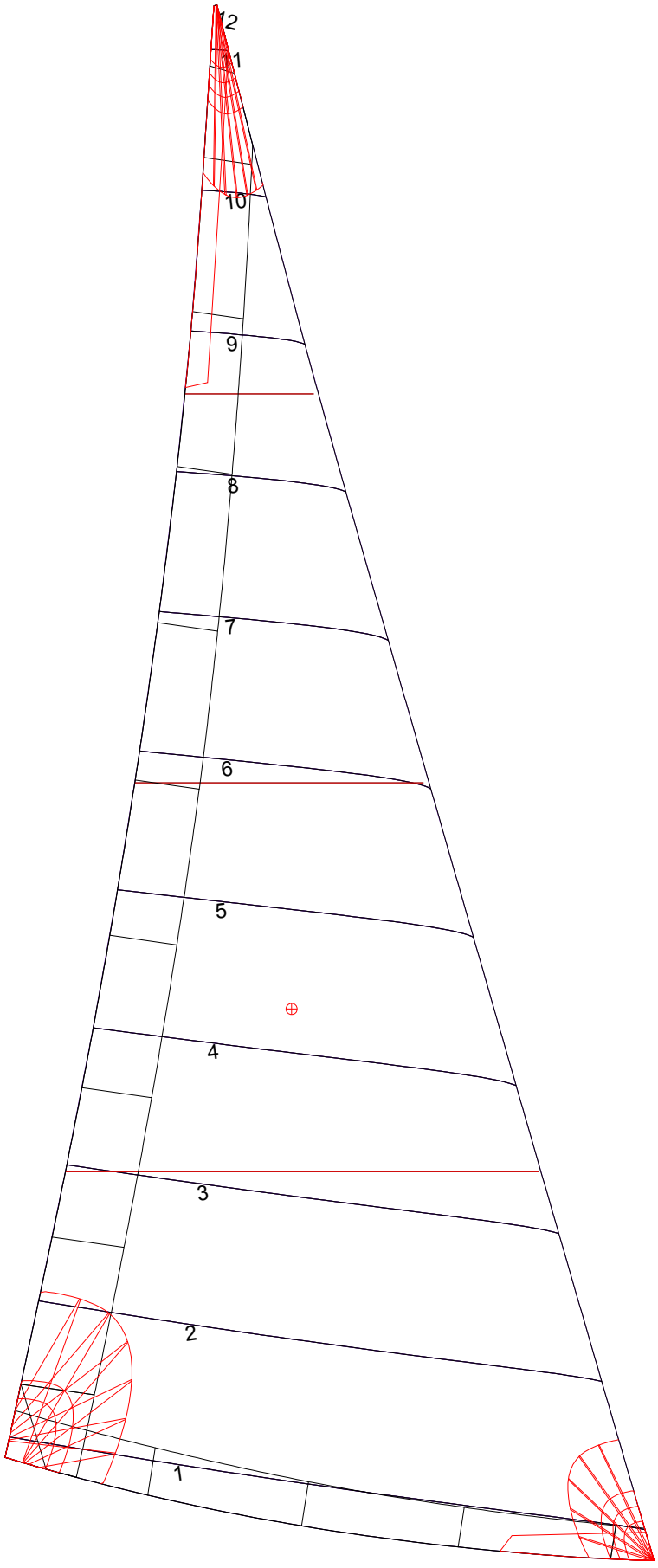


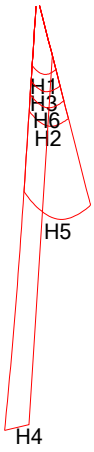
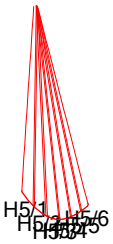
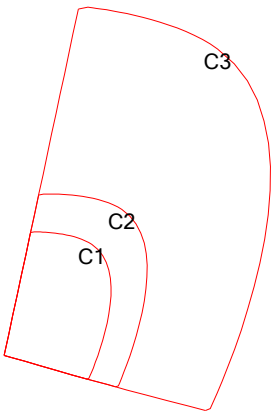
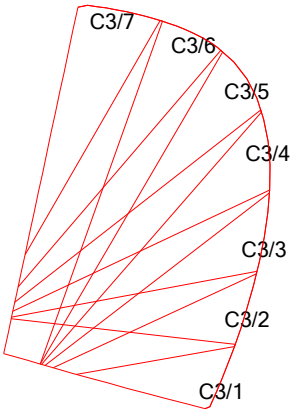
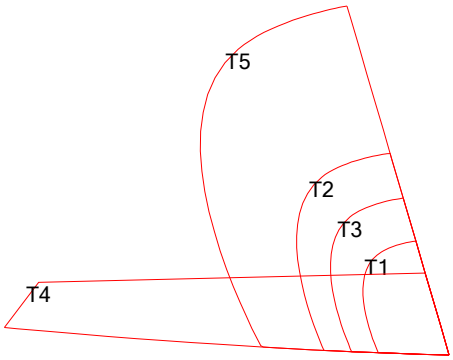
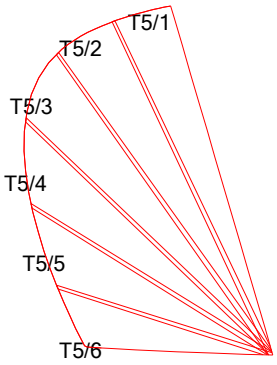
Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.070m	0.070m
Cover 1	0.070m	0.070m	0.070m
Cover 2	0.000m	0.000m	0.000m
Cover 3	0.000m	0.000m	0.000m

Materials

Material	Area (m?	Panels
Material 1	40.13	1,2,3,4,5 6,7,8,9,10 11,12

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