

Mainsail: 3001213 Peter mainsail R0

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3001213Peter\3001213 Peter mainsail R0.des

Initial Design Date: 18/12/2019
Boat:

Comments:
Tack angle 88.5

Client:

Design Data
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Main

Measurements

Luff geodesic:	12.720m
Leech geodesic:	13.736m
Foot geodesic:	5.390m
Head geodesic:	0.135m
Upper width (MUW):	0.929m
Three-quarter width (MTW):	1.733m
Half width (MHW):	3.171m
Quarter width (MQW):	4.358m
Foot median:	13.141m
ORC Mainsail area:	38.226m?
Surface area:	39.257m?

Battens

Position	Length	Roach	Angle	Full
80.000%	1.480m	0.195m	68.756?	Full
60.000%	2.693m	0.272m	68.756?	Full
40.000%	3.712m	0.237m	68.756?	Full
20.000%	4.591m	0.138m	68.756?	Full

Reefing Points

1, Luff: 1.717m ; Leech: 1.824m ; Offset: 0.000m ; Number Eyelets: 3
2, Luff: 3.624m ; Leech: 3.849m ; Offset: 0.000m ; Number Eyelets: 3
3, Luff: 5.532m ; Leech: 5.874m ; Offset: 0.000m ; Number Eyelets: 2

Luff Curve

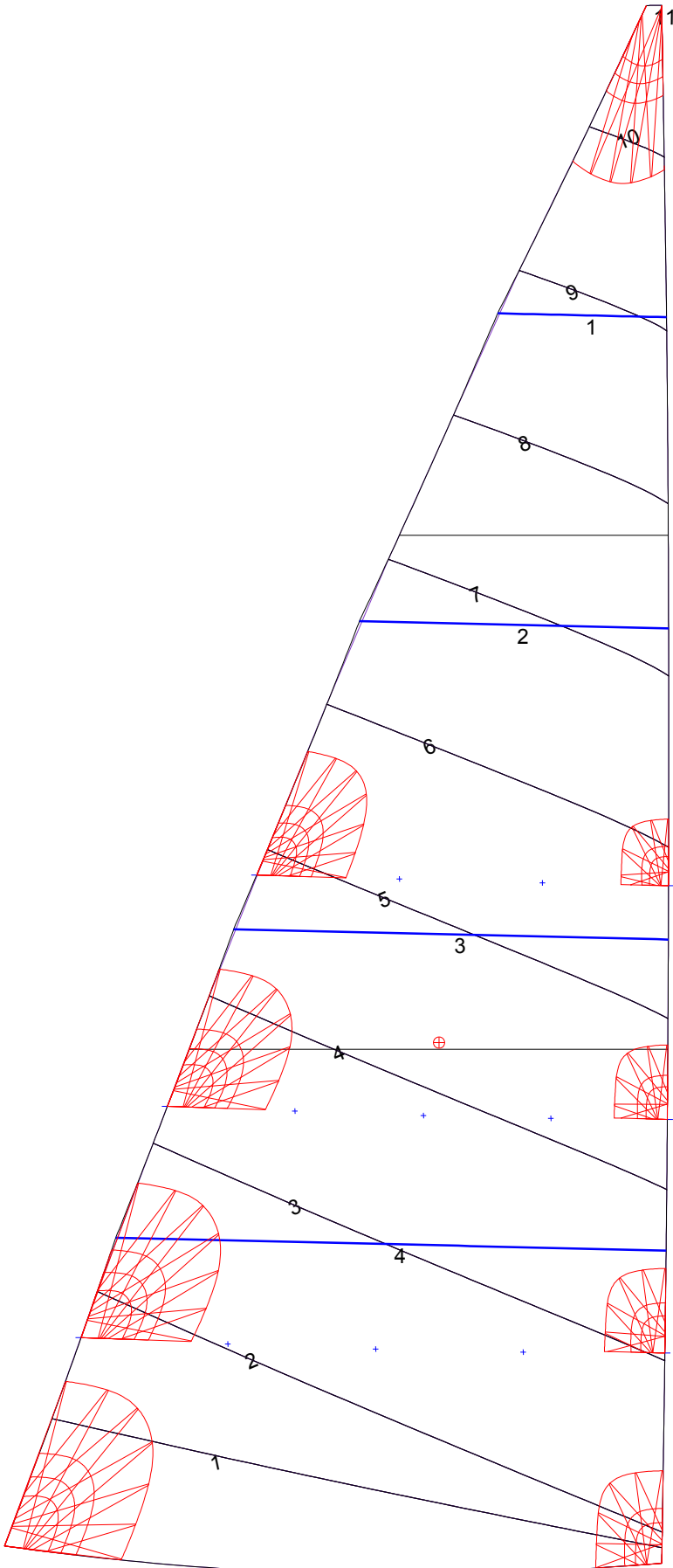
Luff Curve		Fanned Luff (@ 5.00% [0.;Before BSeam		
12.720m,	0.000m	100% (12.720m) :	0.000m	0.000m
11.135m,	-0.026m	90% (11.448m) :	0.015m	0.049m
9.540m,	-0.045m	80% (10.176m) :	0.028m	0.097m
7.941m,	-0.055m	70% (8.904m) :	0.036m	0.135m
6.360m,	-0.057m	60% (7.632m) :	0.039m	0.157m
4.739m,	-0.053m	50% (6.360m) :	0.038m	0.161m
3.180m,	-0.042m	40% (5.088m) :	0.035m	0.147m
1.585m,	-0.024m	30% (3.816m) :	0.030m	0.120m
0.000m,	0.000m	20% (2.544m) :	0.021m	0.083m
		10% (1.272m) :	0.010m	0.039m
		0% (0.000m) :	0.000m	0.000m

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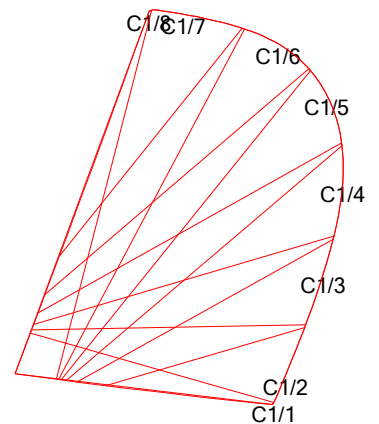
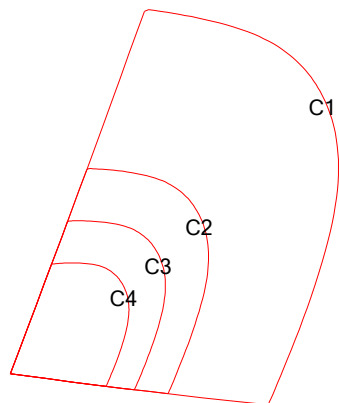
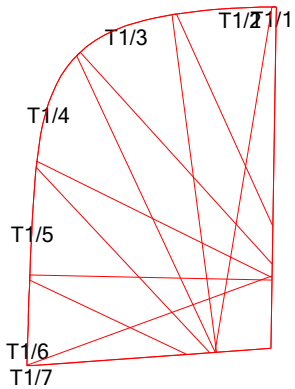
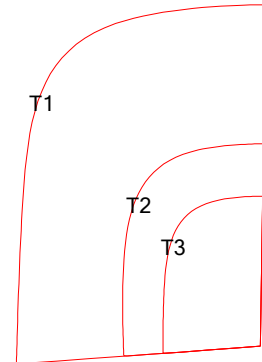
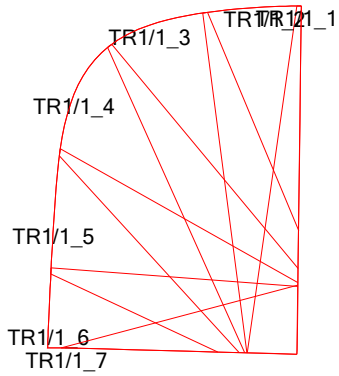
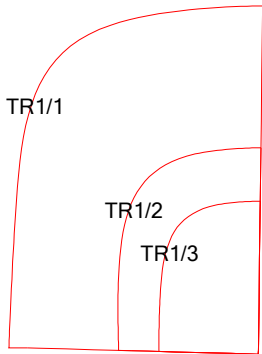
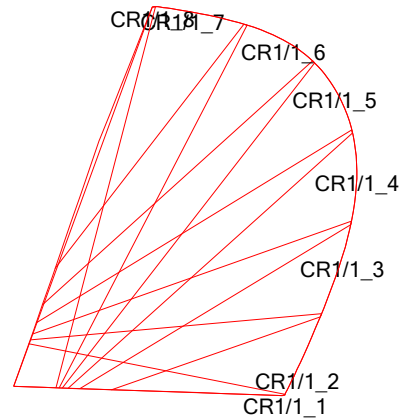
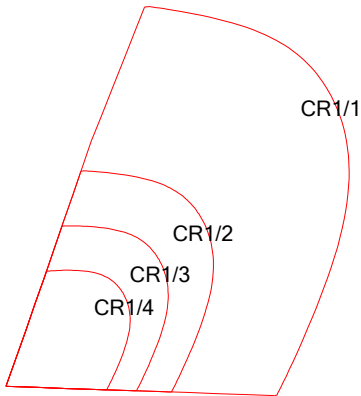
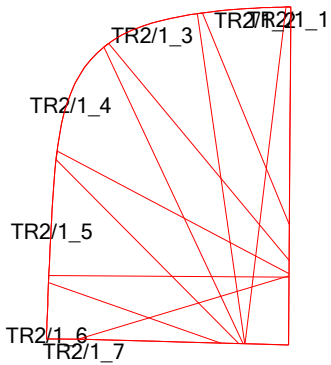
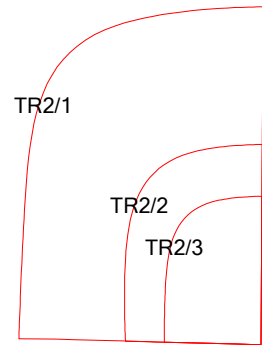
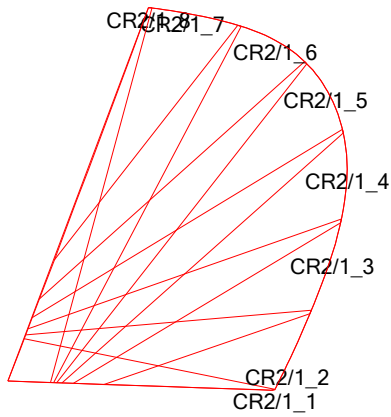
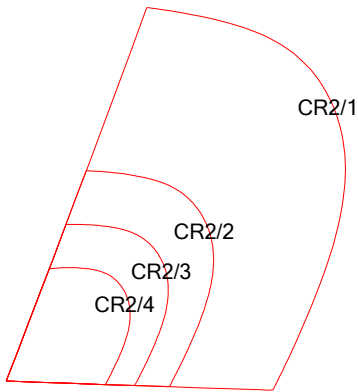
Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.035m

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

Materials		
Material	Area (m ²)	Panels
Material 1	39.29	1,2,3,4,5 6,7,8,9,10 11



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