

Mainsail: 3000519 Miklos main R0

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000519 Miklos\3000519 Miklos main R0.des

Initial Design Date: 21/5/2019
Boat:

Comments:

Client:

Design Data
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Main

Measurements

Luff geodesic:	7.140m
Leech geodesic:	7.600m
Foot geodesic:	2.620m
Head geodesic:	0.105m
Upper width (MUW):	0.492m
Three-quarter width (MTW):	0.886m
Half width (MHW):	1.573m
Quarter width (MQW):	2.129m
Foot median:	7.361m
ORC Mainsail area:	10.617m?
Surface area:	10.865m?

Battens

Position	Length	Roach	Angle	Full
80.000%	0.760m	0.089m	70.397?	Full
60.000%	1.343m	0.122m	70.397?	Full
40.000%	0.700m	0.102m	70.397?	
20.000%	0.700m	0.058m	70.397?	

Reefing Points

1, Luff: 1.000m ; Leech: 1.055m ; Offset: 0.000m ; Number Eyelets: 0
2, Luff: 2.000m ; Leech: 2.109m ; Offset: 0.000m ; Number Eyelets: 0

Luff Curve

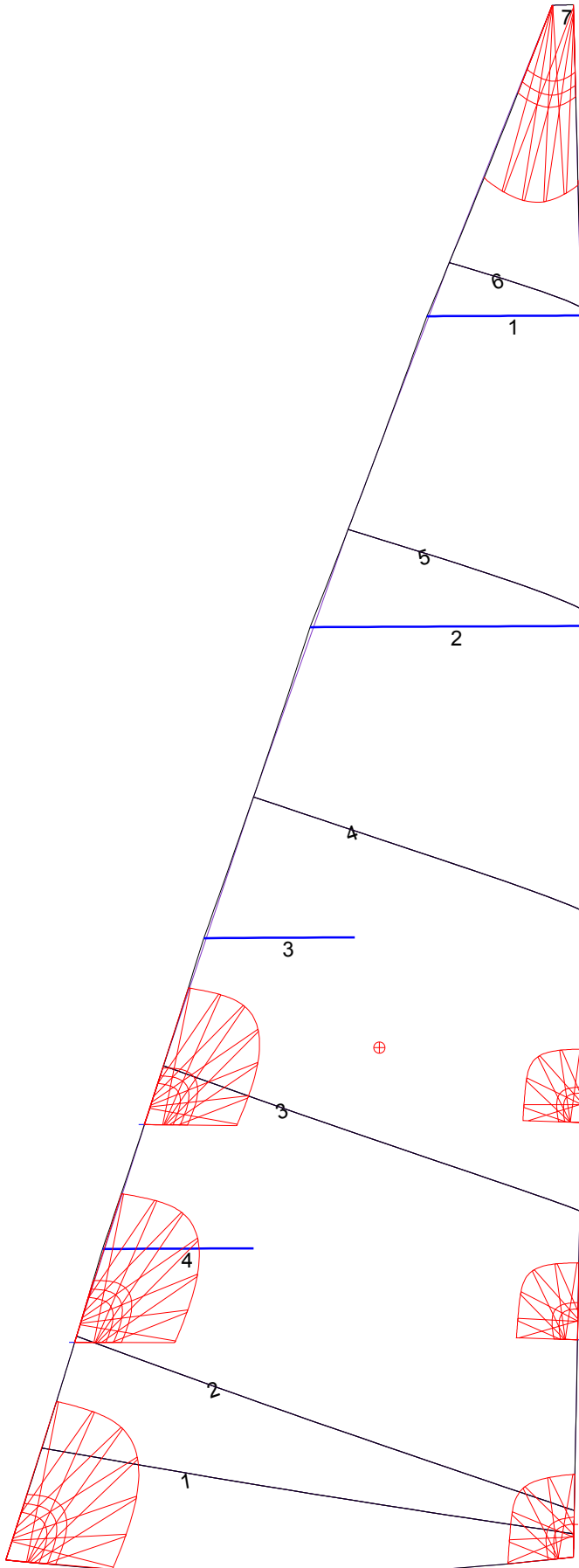
		Fanned Luff (@ 5.00% [0. Before BSeam	
7.139m,	0.000m	100% (7.140m) :	0.000m 0.000m
5.391m,	-0.042m	90% (6.426m) :	0.014m 0.032m
3.573m,	-0.049m	80% (5.712m) :	0.026m 0.063m
1.786m,	-0.032m	70% (4.998m) :	0.033m 0.086m
0.000m,	0.000m	60% (4.284m) :	0.036m 0.098m
		50% (3.570m) :	0.034m 0.098m
		40% (2.856m) :	0.030m 0.088m
		30% (2.142m) :	0.025m 0.071m
		20% (1.428m) :	0.017m 0.049m
		10% (0.714m) :	0.008m 0.023m
		0% (0.000m) :	0.000m 0.000m

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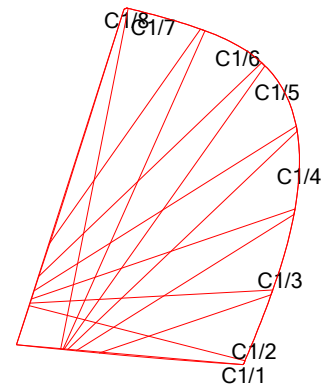
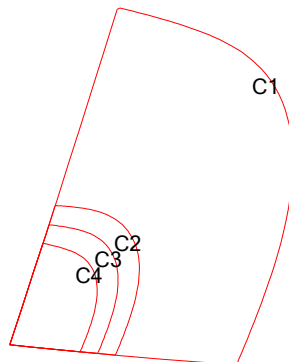
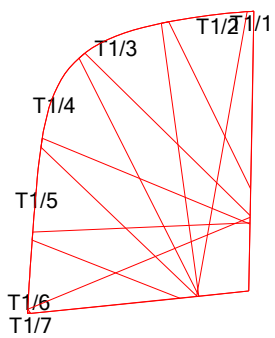
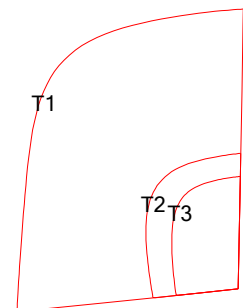
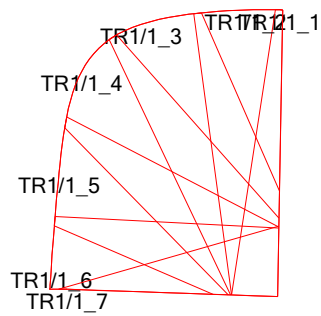
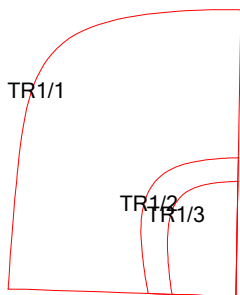
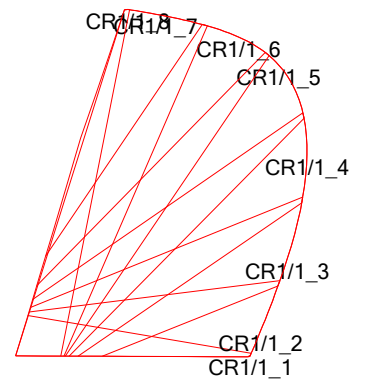
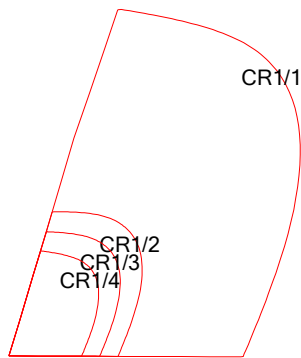
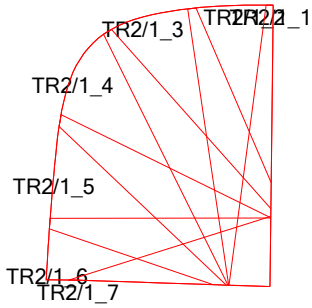
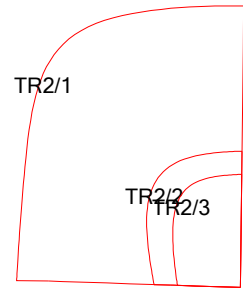
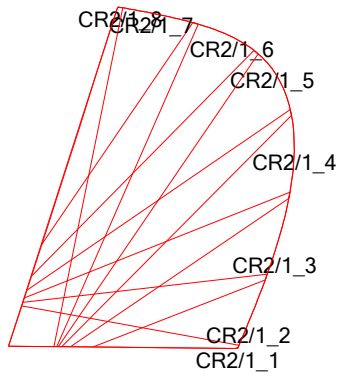
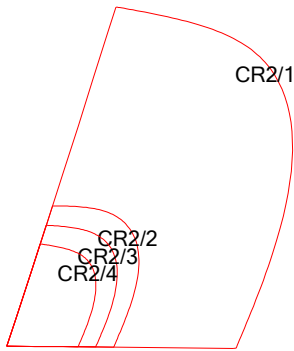
Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.025m

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

Materials		
Material	Area (m ²)	Panels
Material 1	10.85	1,2,3,4,5 6,7



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