

Mainsail: 3000103 michael mainsail.des

Design Info
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Design File:
G:\System\Dropbox\Dropbox\Dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production

Initial Design Date: 6/2/2019
Boat:

Comments:

Client:

Design Data
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Main

Measurements

Luff geodesic:	6.952m
Leech geodesic:	7.161m
Foot geodesic:	2.146m
Head geodesic:	0.115m
Upper width (MUW):	0.457m
Three-quarter width (MTW):	0.794m
Half width (MHW):	1.352m
Quarter width (MQW):	1.785m
Foot median:	7.049m
ORC Mainsail area:	8.796m?
Surface area:	8.981m?

Battens

Position	Length	Roach	Angle	Full
80.000%	0.448m	0.098m	76.959?	
60.000%	0.639m	0.133m	76.959?	
40.000%	0.639m	0.109m	76.959?	
20.000%	0.533m	0.062m	76.959?	

Reefing Points

1, Luff: 1.042m ; Leech: 1.067m ; Offset: 0.000m ; Number Eyelets: 2

Luff Curve

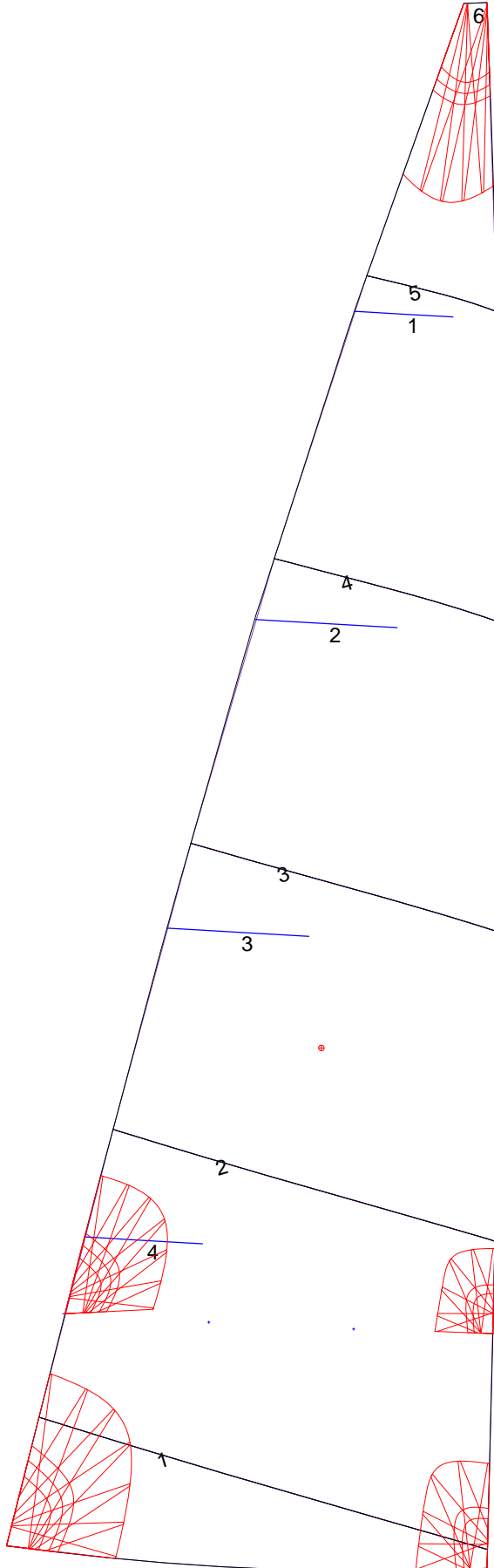
		Fanned Luff (@ 5.00% [0. Before BSeam	
6.951m,	0.000m	100% (6.952m) :	0.000m 0.000m
6.249m,	-0.025m	90% (6.257m) :	0.019m 0.040m
5.561m,	-0.044m	80% (5.562m) :	0.032m 0.071m
4.859m,	-0.056m	70% (4.867m) :	0.041m 0.091m
4.170m,	-0.062m	60% (4.171m) :	0.045m 0.100m
3.142m,	-0.060m	50% (3.476m) :	0.044m 0.100m
2.085m,	-0.046m	40% (2.781m) :	0.040m 0.091m
1.104m,	-0.028m	30% (2.086m) :	0.033m 0.074m
0.000m,	0.000m	20% (1.390m) :	0.024m 0.052m
		10% (0.695m) :	0.012m 0.025m
		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	8.96	1,2,3,4,5 6



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