Mainsail: 3000628Ian mainsail R0

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000628Ian\3000628Ian mainsail R0.des

Comments:
tack angle 88.5

Initial Design Date: 31/7/2019
Boat:

Client:

Design Data
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Main

Measurements

Luff geodesic:	7.200m
Leech geodesic:	7.641m
Foot geodesic:	2.850m
Head geodesic:	0.115m
Upper width (MUW):	0.529m
Three-quarter width (MTW):	0.958m
Half width (MHW):	1.720m
Quarter width (MQW):	2.358m
Foot median:	7.358m
ORC Mainsail area:	11.727m?
Surface area:	11.974m?

Battens

Position	Length	Roach	Angle	Full
80.000%	0.831m	0.111m	70.508?	Full
60.000%	1.472m	0.153m	70.508?	Full
40.000%	0.730m	0.130m	70.508?	
20.000%	0.730m	0.079m	70.508?	

Reefing Points

1, Luff: 0.730m ; Leech: 0.764m ; Offset: 0.000m ; Number Eyelets: 2
2, Luff: 1.630m ; Leech: 1.705m ; Offset: 0.000m ; Number Eyelets: 2

Luff Curve

7.200m,	0.000m
5.400m,	-0.030m
3.600m,	-0.040m
1.800m,	-0.030m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.	Before BSeam	
100% (7.200m) :	0.000m	-0.000m
90% (6.480m) :	0.009m	0.026m
80% (5.760m) :	0.018m	0.052m
70% (5.040m) :	0.025m	0.075m
60% (4.320m) :	0.028m	0.091m
50% (3.600m) :	0.028m	0.099m
40% (2.880m) :	0.026m	0.099m
30% (2.160m) :	0.022m	0.091m
20% (1.440m) :	0.014m	0.072m
10% (0.720m) :	0.004m	0.038m
0% (0.000m) :	0.000m	0.000m

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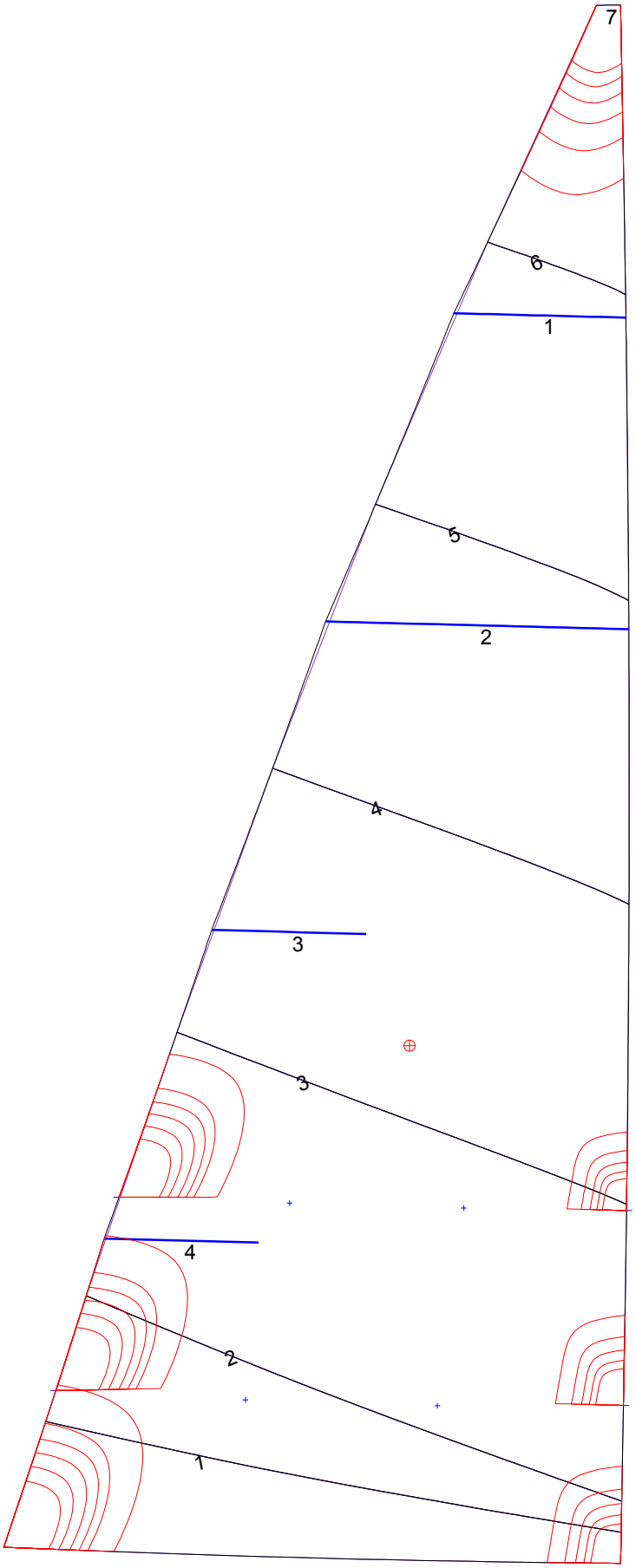


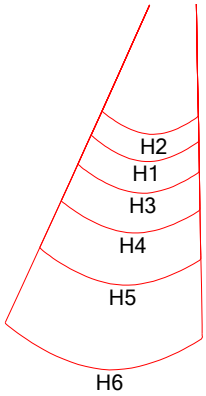
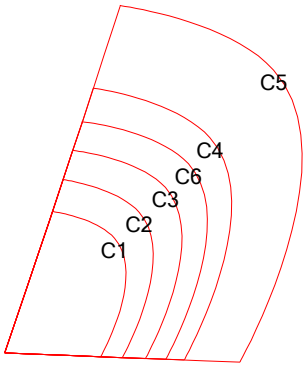
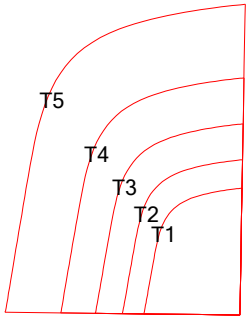
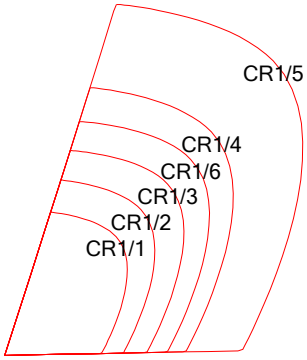
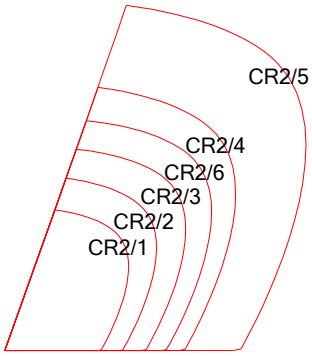
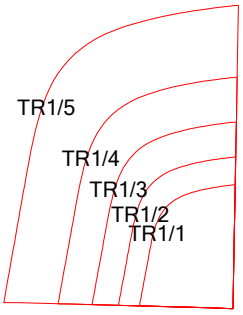
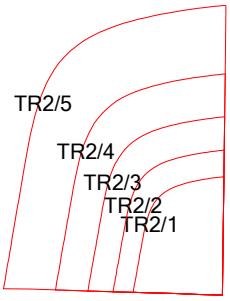
Seam Allowances

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

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Materials

Material	Area (m?	Panels
Material 1	11.94	1,2,3,4,5 6,7

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