

# Mainsail: 3000130 Jonas mainsail R1

Design Info  
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Design File:  
E:\Dropbox\Mike computer\Fareast Sails Production\2019\3000130 Jonas\3000130 Jonas mainsail R1.des

Initial Design Date: 26/1/2019  
Boat:

Client:

Comments:  
tack angle 88.5  
  
luff curve zero

Design Data  
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## Main

### Measurements

Luff geodesic:	37.758Ft
Leech geodesic:	39.829Ft
Foot geodesic:	13.790Ft
Head geodesic:	0.377Ft
Upper width (MUW):	1.774Ft
Three-quarter width (MTW):	3.284Ft
Half width (MHW):	6.597Ft
Quarter width (MQW):	10.104Ft
Foot median:	38.362Ft
ORC Mainsail area:	255.242Ft?
Surface area:	253.310Ft?

### Reefing Points

1, Luff: 6.800Ft ; Leech: 7.339Ft ; Offset: 0.000Ft ; Number Eyelets: 2  
 2, Luff: 13.580Ft ; Leech: 14.575Ft ; Offset: 0.000Ft ; Number Eyelets: 2  
 3, Luff: 20.419Ft ; Leech: 21.788Ft ; Offset: 0.000Ft ; Number Eyelets: 2

### Luff Curve

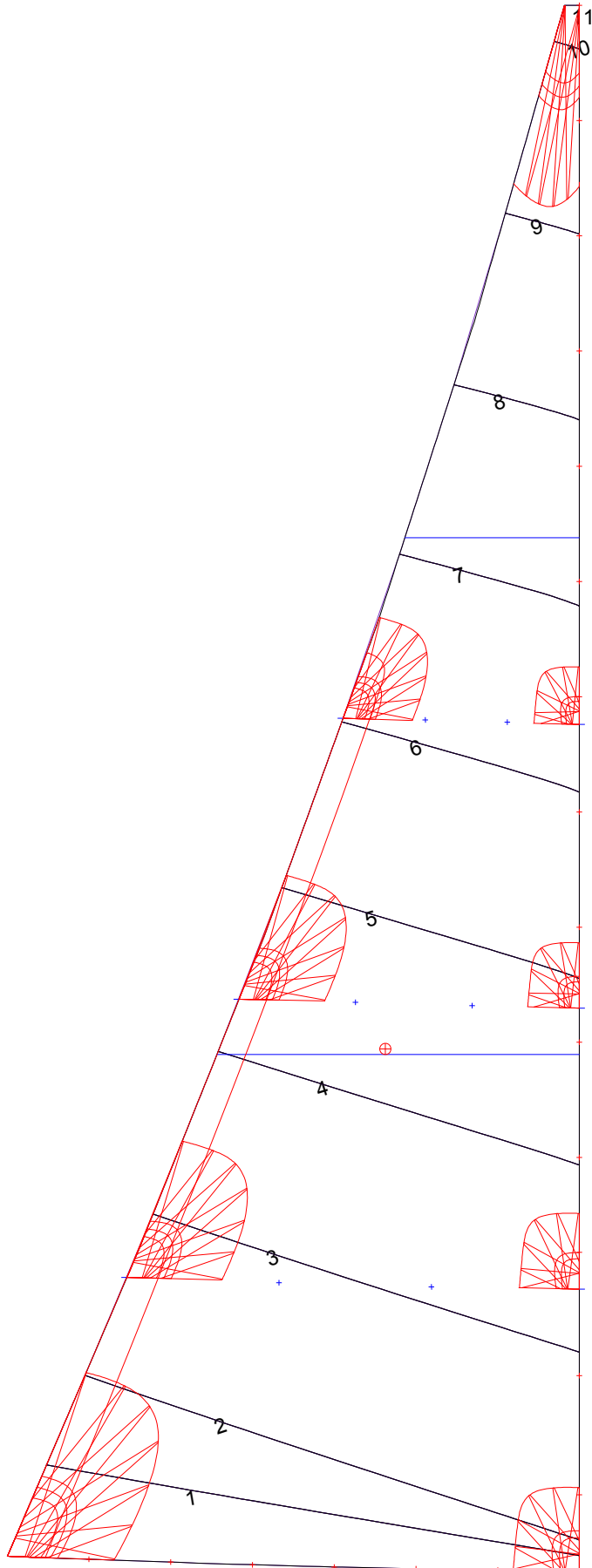
		Fanned Luff (@ 5.00% [0. Before BSeam	
37.758Ft,	0.000Ft	100% (37.758Ft) :	-0.000Ft -0.000Ft
28.319Ft,	0.000Ft	90% (33.982Ft) :	-0.009Ft 0.038Ft
18.879Ft,	0.000Ft	80% (30.206Ft) :	-0.014Ft 0.082Ft
9.440Ft,	0.000Ft	70% (26.430Ft) :	-0.017Ft 0.130Ft
0.000Ft,	0.000Ft	60% (22.655Ft) :	-0.022Ft 0.170Ft
		50% (18.879Ft) :	-0.028Ft 0.186Ft
		40% (15.103Ft) :	-0.035Ft 0.177Ft
		30% (11.327Ft) :	-0.040Ft 0.145Ft
		20% (7.551Ft) :	-0.041Ft 0.089Ft
		10% (3.776Ft) :	-0.033Ft 0.024Ft
		0% (0.000Ft) :	0.000Ft 0.000Ft

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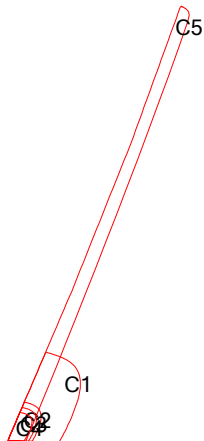
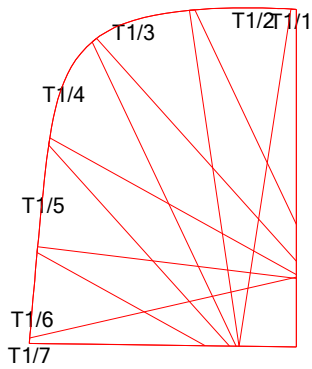
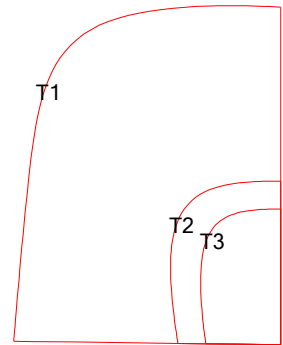
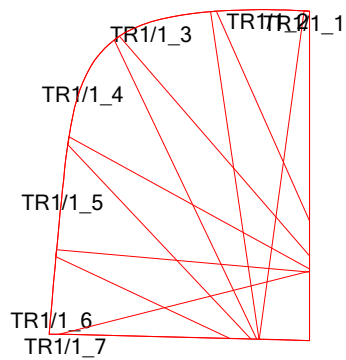
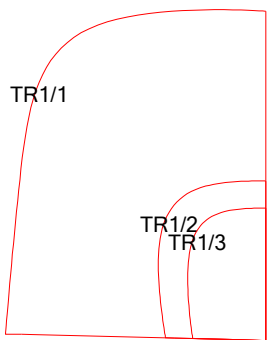
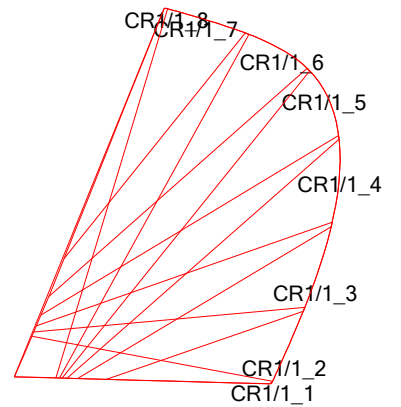
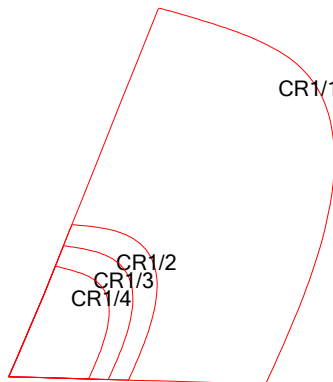
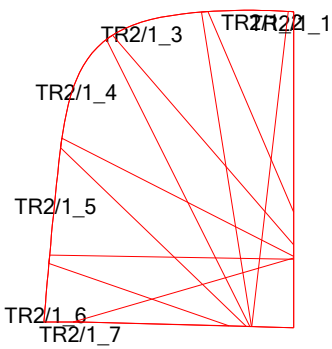
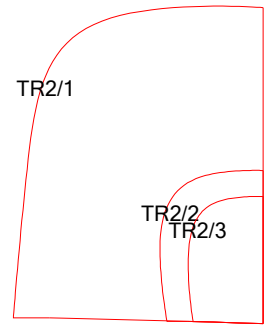
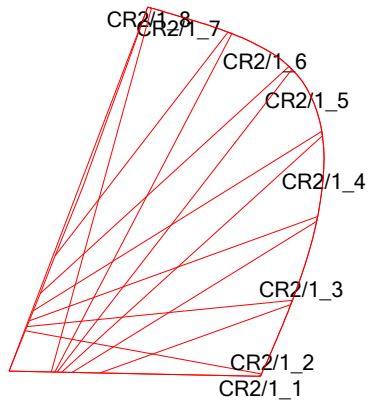
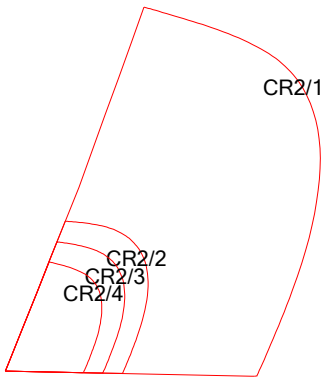
Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000Ft	0.000Ft	0.098Ft

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

Materials		
Material	Area (Ft <sup>2</sup> )	Panels
Material 1	254.05	1,2,3,4,5 6,7,8,9,10 11



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