

# Mainsail: 3000134 Arseniy mainsail R0

Design Info  
=====

Design File:  
E:\Dropbox\Mike computer\Fareast Sails Production\2019\3000134 Arseniy\3000134 Arseniy mainsail R0.des

Initial Design Date: 14/2/2019  
Boat:

Comments:  
tack angle 88.5

Client:

Design Data  
=====

Main

Measurements

Luff geodesic:	45.046Ft
Leech geodesic:	47.291Ft
Foot geodesic:	15.837Ft
Head geodesic:	0.443Ft
Upper width (MUW):	2.763Ft
Three-quarter width (MTW):	5.071Ft
Half width (MHW):	9.163Ft
Quarter width (MQW):	12.677Ft
Foot median:	46.042Ft
ORC Mainsail area:	394.736Ft?
Surface area:	401.307Ft?

Battens

Position	Length	Roach	Angle	Full
80.000%	4.295Ft	0.460Ft	72.515?	Full
60.000%	4.265Ft	0.626Ft	72.515?	
40.000%	4.265Ft	0.527Ft	72.515?	
20.000%	4.265Ft	0.297Ft	72.515?	

Reefing Points

1, Luff: 5.719Ft ; Leech: 5.977Ft ; Offset: 0.000Ft ; Number Eyelets: 0

Luff Curve

		Fanned Luff (@ 5.00% [0. Before BSeam	
45.044Ft,	0.000Ft	100% (45.046Ft) :	0.000Ft 0.000Ft
37.387Ft,	-0.169Ft	90% (40.543Ft) :	0.078Ft 0.165Ft
29.729Ft,	-0.225Ft	80% (36.037Ft) :	0.144Ft 0.316Ft
14.865Ft,	-0.169Ft	70% (31.533Ft) :	0.171Ft 0.414Ft
0.000Ft,	0.000Ft	60% (27.028Ft) :	0.170Ft 0.459Ft
		50% (22.523Ft) :	0.158Ft 0.460Ft
		40% (18.018Ft) :	0.136Ft 0.420Ft
		30% (13.514Ft) :	0.104Ft 0.343Ft
		20% (9.009Ft) :	0.064Ft 0.234Ft
		10% (4.505Ft) :	0.025Ft 0.107Ft
		0% (0.000Ft) :	0.000Ft 0.000Ft

# Mainsail: 3000134 Arseniy mainsail R0

## Seam Allowances

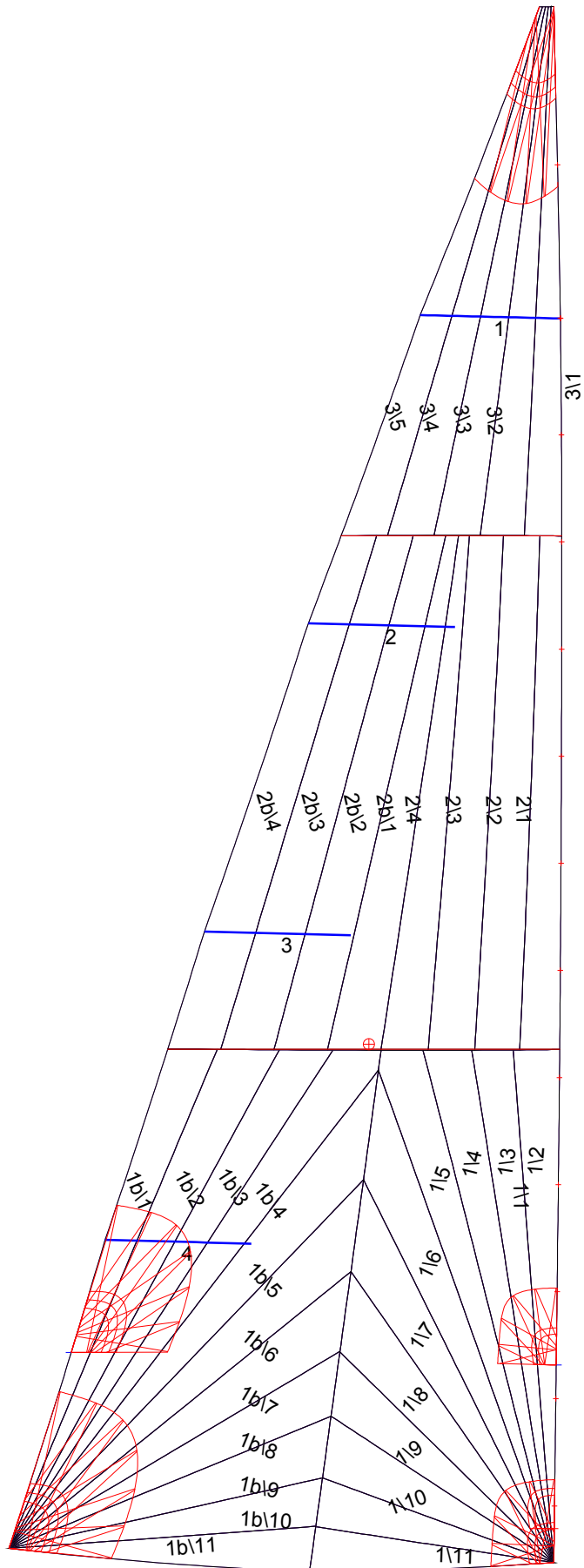
Zone:	Split	Radial	Cross
Zone: 1/a	0.125Ft	0.049Ft	0.125Ft
Zone: 1/b	0.125Ft	0.049Ft	0.125Ft
Zone: 2/a	0.125Ft	0.049Ft	0.125Ft
Zone: 2/b	0.125Ft	0.049Ft	0.125Ft
Zone: 3	0.125Ft	0.049Ft	0.125Ft

## Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	402.01	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1b\1,1b\2,1b\3,1b\4 1b\5,1b\6,1b\7,1b\8,1b\9 1b\10,1b\11,2\1,2\2,2\3 2\4,2b\1,2b\2,2b\3,2b\4 3\1,3\2,3\3,3\4,3\5



# Mainsail: 3000134 Arseniy mainsail R0

