

# Genoa: 3000337 Bruce headsail R1

Design Info  
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Design File:  
E:\Dropbox\Mike computer\Fareast Sails Production\2019\3000337 Bruce Racing\3000337 Bruce headsail R1.des

Initial Design Date: 10/4/2019  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	11.000m
Leech geodesic:	10.700m
Foot geodesic:	5.000m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.792m
Upper width (HUW):	0.584m
Three-quarter width (HTW):	1.147m
Half width (HHW):	2.309m
Quarter width (HQW):	3.527m
Foot median:	10.852m
ORC Headsail Area:	25.865m?
IRC Headsail Area:	25.871m?
Surface Area:	26.732m?

## Luff Curve

10.999m,	0.000m
8.249m,	0.056m
5.499m,	0.077m
2.750m,	0.057m
0.000m,	0.000m

## Fanned Luff (@ 5.00% [0. Before BSeam

100% (10.998m) :	0.000m	0.000m
90% (9.898m) :	-0.024m	0.004m
80% (8.800m) :	-0.047m	0.007m
70% (7.699m) :	-0.066m	0.013m
60% (6.599m) :	-0.076m	0.021m
50% (5.499m) :	-0.081m	0.024m
40% (4.399m) :	-0.079m	0.019m
30% (3.299m) :	-0.069m	0.012m
20% (2.200m) :	-0.051m	0.006m
10% (1.098m) :	-0.027m	0.001m
0% (0.000m) :	-0.000m	0.000m

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## Seam Allowances

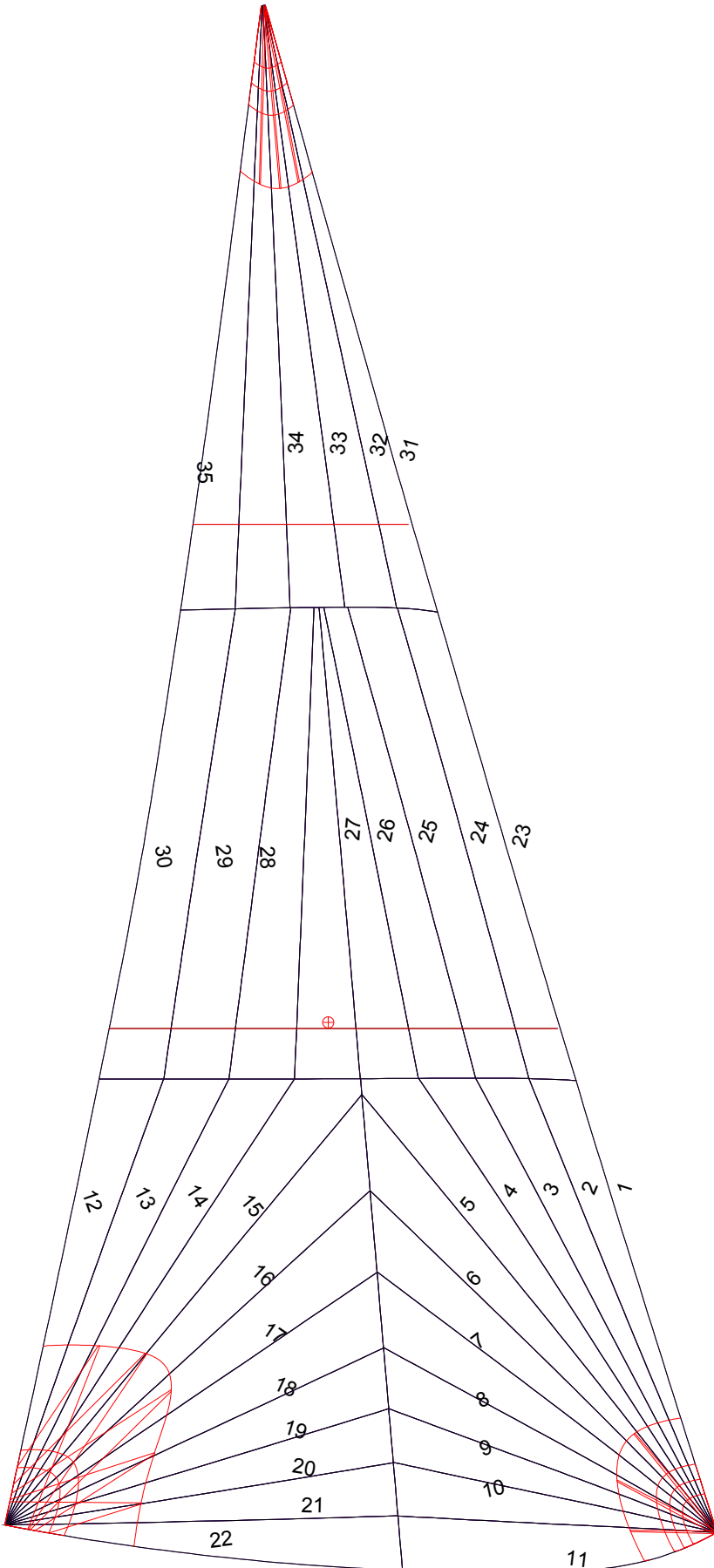
	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3	0.025m	0.015m	0.025m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	26.73	1,2,3,4,5 6,7,8,9,10 11,12,13,14,15 16,17,18,19,20 21,22,23,24,25 26,27,28,29,30 31,32,33,34,35



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