

# Asymetric: screecher 202000229 screecher

Design Info  
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Design File:  
D:\Dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production\2020\Pre design\screecher 202000229

Initial Design Date: 8/5/2019  
Boat:  
Lagoon 380  
  
Client:

Comments:

Design Data  
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Asymmetric

Measurements

Luff length (SLU):	17.270m	
Leech length (SLE):	15.238m	
Foot length (SFL):	8.300m	
Headboard Width:	0.030m	
Three-quarter width:	2.804m	Closest Pt: 2.423m
Half width (SHW):	5.090m	Closest Pt: 4.507m
Quarter width:	6.830m	Closest Pt: 6.124m
ORC/IRC Area:	77.644m <sup>2</sup>	
Surface Area:	74.589m <sup>2</sup>	
Hoist height:	17.500m	
J:	5.910m	

Luff Curve

15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.400m])

100% (17.263m) :	0.000m
90% (15.536m) :	-0.083m
80% (13.810m) :	-0.151m
70% (12.083m) :	-0.194m
60% (10.357m) :	-0.217m
50% (8.631m) :	-0.220m
40% (6.905m) :	-0.204m
30% (5.179m) :	-0.172m
20% (3.453m) :	-0.124m
10% (1.726m) :	-0.064m
0% (0.000m) :	0.000m

Before BSeam

0.000m
0.049m
0.119m
0.193m
0.238m
0.252m
0.239m
0.203m
0.146m
0.074m
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/a	0.025m	0.015m	0.025m
Zone: 3/b	0.025m	0.015m	0.025m
Zone: 4	0.025m	0.015m	0.025m

## Edge Excesses

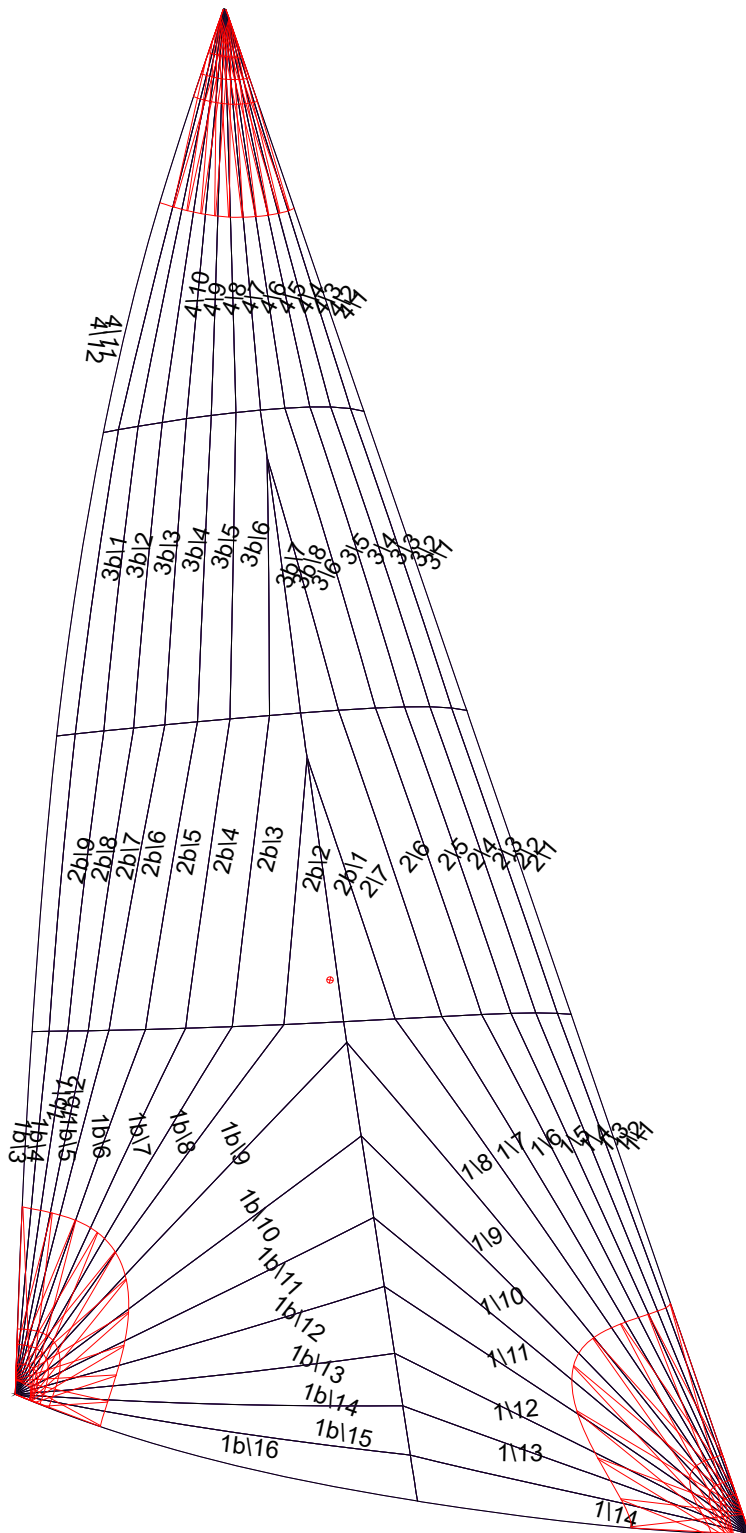
	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	14.29
Radial/Vertical	276.70
Bi-Radial Split	12.26

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 2	74.75	1\1, 1\2, 1\3, 1\4, 1\5 1\6, 1\7, 1\8, 1\9, 1\10 1\11, 1\12, 1\13, 1\14, 1b\1 1b\2, 1b\3, 1b\4, 1b\5, 1b\6 1b\7, 1b\8, 1b\9, 1b\10, 1b\11 1b\12, 1b\13, 1b\14, 1b\15, 1b\16 2\1, 2\2, 2\3, 2\4, 2\5 2\6, 2\7, 2b\1, 2b\2, 2b\3 2b\4, 2b\5, 2b\6, 2b\7, 2b\8 2b\9, 3\1, 3\2, 3\3, 3\4 3\5, 3\6, 3b\8, 3b\7, 3b\6 3b\5, 3b\4, 3b\3, 3b\2, 3b\1 4\1, 4\2, 4\3, 4\4, 4\5 4\6, 4\7, 4\8, 4\9, 4\10 4\11, 4\12



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