

# Asymetric: Lagoon 380 170% screecher.des

## Design Info

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Initial Design Date: 8/5/2019

Boat:

Lagoon 380

Client:

## Design File:

G:\System\Dropbox\Dropbox\Dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production

Comments:

## Design Data

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### Asymmetric

#### Measurements

Luff length (SLU): 44.650Ft

Leech length (SLE): 39.322Ft

Foot length (SFL): 25.499Ft

Headboard Width: 0.098Ft

Three-quarter width: 8.679Ft

Half width (SHW): 15.776Ft

Quarter width: 21.079Ft

ORC/IRC Area: 620.024Ft?

Surface Area: 596.748Ft?

Closest Pt: 7.295Ft

Closest Pt: 13.724Ft

Closest Pt: 18.738Ft

#### Luff Curve

50.853Ft,	0.000Ft
38.140Ft,	0.000Ft
25.427Ft,	0.000Ft
12.713Ft,	0.000Ft
0.000Ft,	0.000Ft

#### Fanned Luff (@ 5.00% [1.2Before BSeam

100% (44.619Ft) :	-0.000Ft	0.000Ft
90% (40.156Ft) :	-0.273Ft	0.145Ft
80% (35.694Ft) :	-0.495Ft	0.371Ft
70% (31.232Ft) :	-0.637Ft	0.599Ft
60% (26.770Ft) :	-0.714Ft	0.738Ft
50% (22.309Ft) :	-0.722Ft	0.783Ft
40% (17.848Ft) :	-0.671Ft	0.742Ft
30% (13.387Ft) :	-0.566Ft	0.628Ft
20% (8.925Ft) :	-0.407Ft	0.449Ft
10% (4.462Ft) :	-0.209Ft	0.225Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

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## Seam Allowances

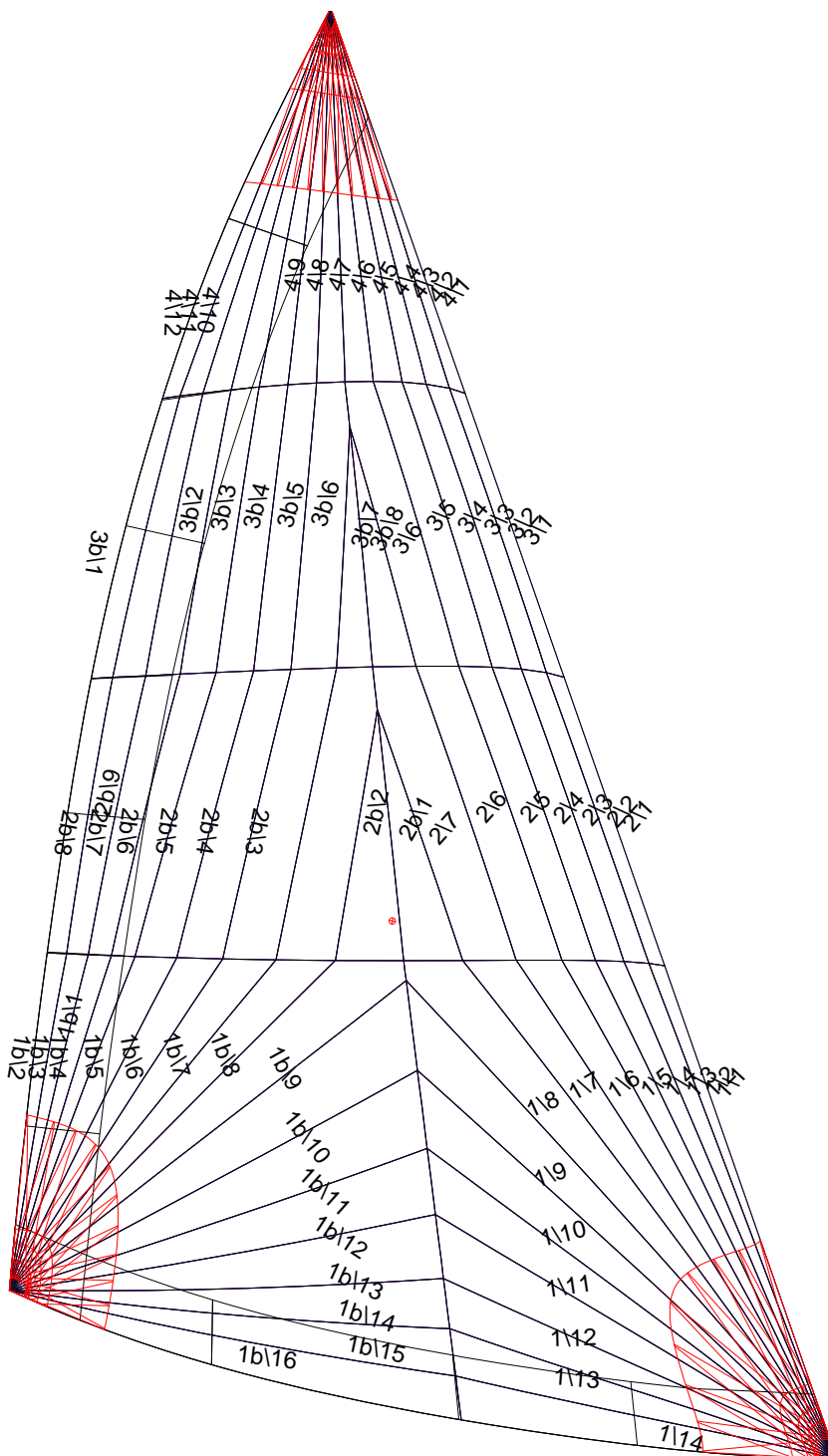
	Split	Radial	Cross
Zone: 1/a	0.082Ft	0.049Ft	0.082Ft
Zone: 1/b	0.082Ft	0.049Ft	0.082Ft
Zone: 2/a	0.082Ft	0.049Ft	0.082Ft
Zone: 2/b	0.082Ft	0.049Ft	0.082Ft
Zone: 3/a	0.082Ft	0.049Ft	0.082Ft
Zone: 3/b	0.082Ft	0.049Ft	0.082Ft
Zone: 4	0.082Ft	0.049Ft	0.082Ft
Cover 1	0.049Ft	0.049Ft	0.049Ft
Cover 2	0.049Ft	0.049Ft	0.049Ft

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft
Cover 0	0.000Ft	0.000Ft	0.000Ft
Cover 1	0.000Ft	0.000Ft	0.000Ft

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	598.17	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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