

Asymetric: 4001010 Pat codezero.des

Design Info

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Initial Design Date: 15/3/2011
Boat:

Client:

Design File:

D:\dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production\2020\wk42\4001010 Pat\4001010

Comments:

Design Data

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Asymmetric

Measurements

Luff length (SLU):	16.200m	
Leech length (SLE):	13.100m	
Foot length (SFL):	7.700m	
Headboard Width:	0.030m	
Three-quarter width:	2.620m	Closest Pt: 2.108m
Half width (SHW):	4.687m	Closest Pt: 3.787m
Quarter width:	6.281m	Closest Pt: 5.061m
ORC/IRC Area:	64.580m?	
Surface Area:	56.682m?	
Hoist height:	13.649m	
J:	4.572m	

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% [0.377m])

100% (16.176m) :	0.000m
90% (14.556m) :	-0.142m
80% (12.938m) :	-0.266m
70% (11.320m) :	-0.351m
60% (9.703m) :	-0.390m
50% (8.087m) :	-0.385m
40% (6.470m) :	-0.352m
30% (4.854m) :	-0.295m
20% (3.236m) :	-0.216m
10% (1.618m) :	-0.114m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.009m
-0.005m
0.018m
0.043m
0.061m
0.066m
0.059m
0.050m
0.031m
0.000m

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Seam Allowances

Zone:	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

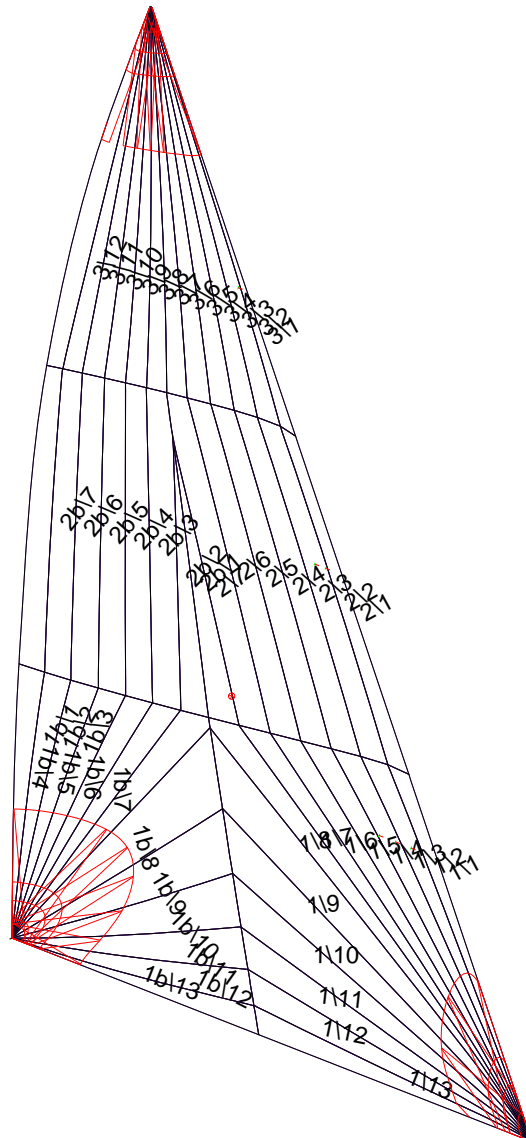
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	9.46
Radial/Vertical	227.23
Bi-Radial Split	9.18

Materials

Material	Area (m ²)	Panels
Material	56.68	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\13,1b\1,1b\2 1b\3,1b\4,1b\5,1b\6,1b\7 1b\8,1b\9,1b\10,1b\11,1b\12 1b\13,2\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 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3\9,3\10 3\11,3\12



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