

Asymetric: 4000815 Paul Lutra 30 code zero.des

Design Info

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Initial Design Date: 22/9/2020
Boat:

Client:

Design File:

D:\dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production\2020\4000815 Paul\4000815 Paul

Comments:

Design Data

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Asymmetric

Measurements

Luff length (SLU):	13.965m	
Leech length (SLE):	11.934m	
Foot length (SFL):	7.560m	
Headboard Width:	0.030m	
Three-quarter width:	2.593m	Closest Pt: 2.153m
Half width (SHW):	4.730m	Closest Pt: 4.023m
Quarter width:	6.276m	Closest Pt: 5.437m
ORC/IRC Area:	57.151m ²	
Surface Area:	53.048m ²	
Hoist height:	14.010m	
J:	4.450m	

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% [0.364m])

100% (13.934m) :	0.000m	0.000m
90% (12.539m) :	-0.150m	0.018m
80% (11.145m) :	-0.280m	0.051m
70% (9.751m) :	-0.369m	0.105m
60% (8.359m) :	-0.410m	0.154m
50% (6.966m) :	-0.403m	0.181m
40% (5.574m) :	-0.369m	0.180m
30% (4.181m) :	-0.309m	0.155m
20% (2.788m) :	-0.225m	0.123m
10% (1.394m) :	-0.119m	0.073m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	0.025m
Zone: 1/b	0.025m	0.016m	0.025m
Zone: 2/a	0.025m	0.016m	0.025m
Zone: 2/b	0.025m	0.016m	0.025m
Zone: 3/a	0.025m	0.016m	0.025m
Zone: 3/b	0.025m	0.016m	0.025m

Edge Excesses

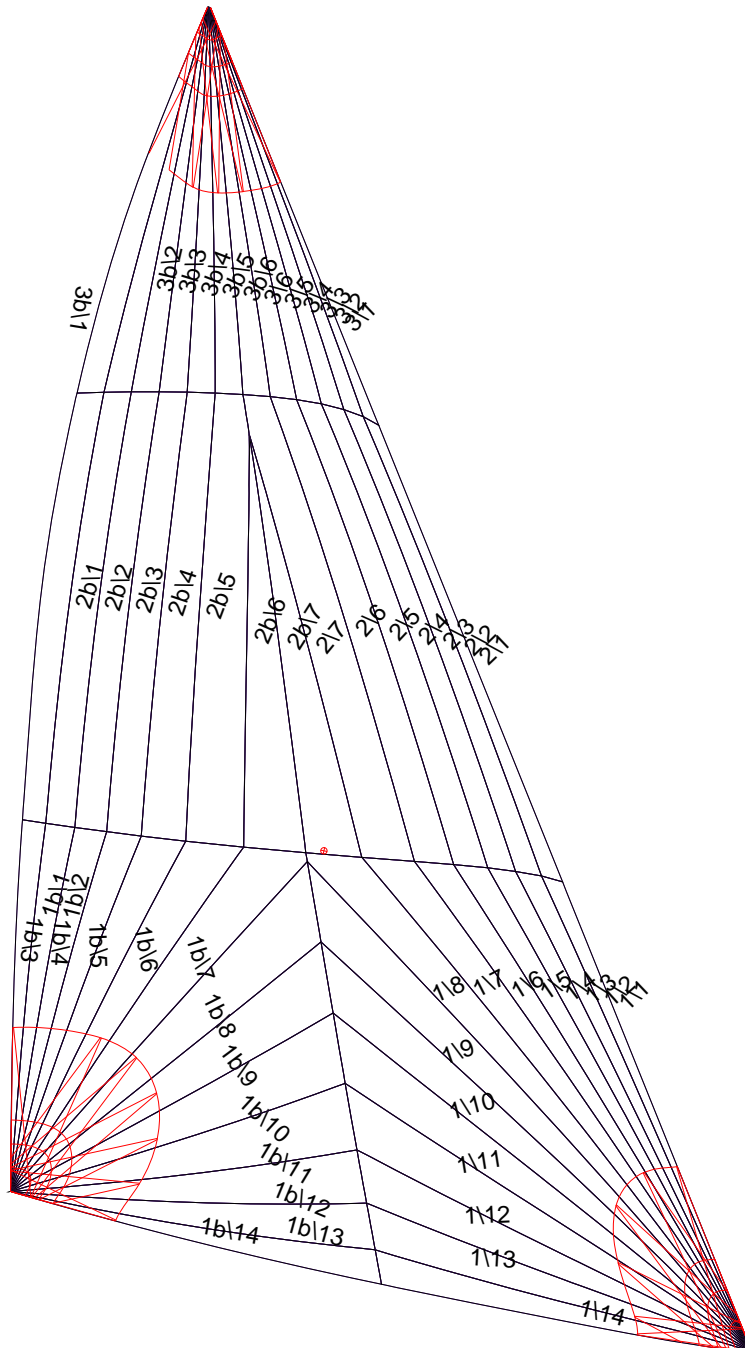
	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	8.91
Radial/Vertical	213.13
Bi-Radial Split	13.01

Materials

Material	Area (m ²)	Panels
Material 1	53.15	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\14,2\1,2\2 2\3,2\4,2\5,2\6,2\7 2b\7,2b\6,2b\5,2b\4,2b\3 2b\2,2b\1,3\1,3\2,3\3 3\4,3\5,3\6,3b\6,3b\5 3b\4,3b\3,3b\2,3b\1



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