Asymmetric: 5000428 Didier asy

Design Info
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Design File:
D:\Dropbox\Dropbox\Fareast Sails\2021\5000428 Didier\5000428 Didier asy.des

Comments:

Initial Design Date: 27/4/2021
Boat:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	18.750m		
Leech length (SLE):	17.556m		
Foot length (SFL):	9.375m		
Headboard Width:	0.010m		
Three-quarter width:	5.459m	Closest Pt:	4.790m
Half width (SHW):	9.404m	Closest Pt:	8.933m
Quarter width:	9.971m	Closest Pt:	10.280m
ORC/IRC Area:	142.166m?		
Surface Area:	145.914m?		
Hoist height:	19.250m		
J:	5.250m		

Luff Curve

10.349m,	0.000m
7.762m,	0.000m
5.175m,	0.000m
2.587m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.396m])		Before BSeam
100% (18.677m) :	0.000m	-0.000m
88% (16.398m) :	-0.095m	0.915m
76% (14.239m) :	-0.206m	1.710m
66% (12.235m) :	-0.327m	2.280m
56% (10.395m) :	-0.460m	2.504m
46% (8.659m) :	-0.588m	2.443m
37% (6.959m) :	-0.675m	2.155m
28% (5.258m) :	-0.687m	1.700m
19% (3.537m) :	-0.584m	1.160m
10% (1.783m) :	-0.333m	0.597m
0% (0.000m) :	0.000m	0.000m

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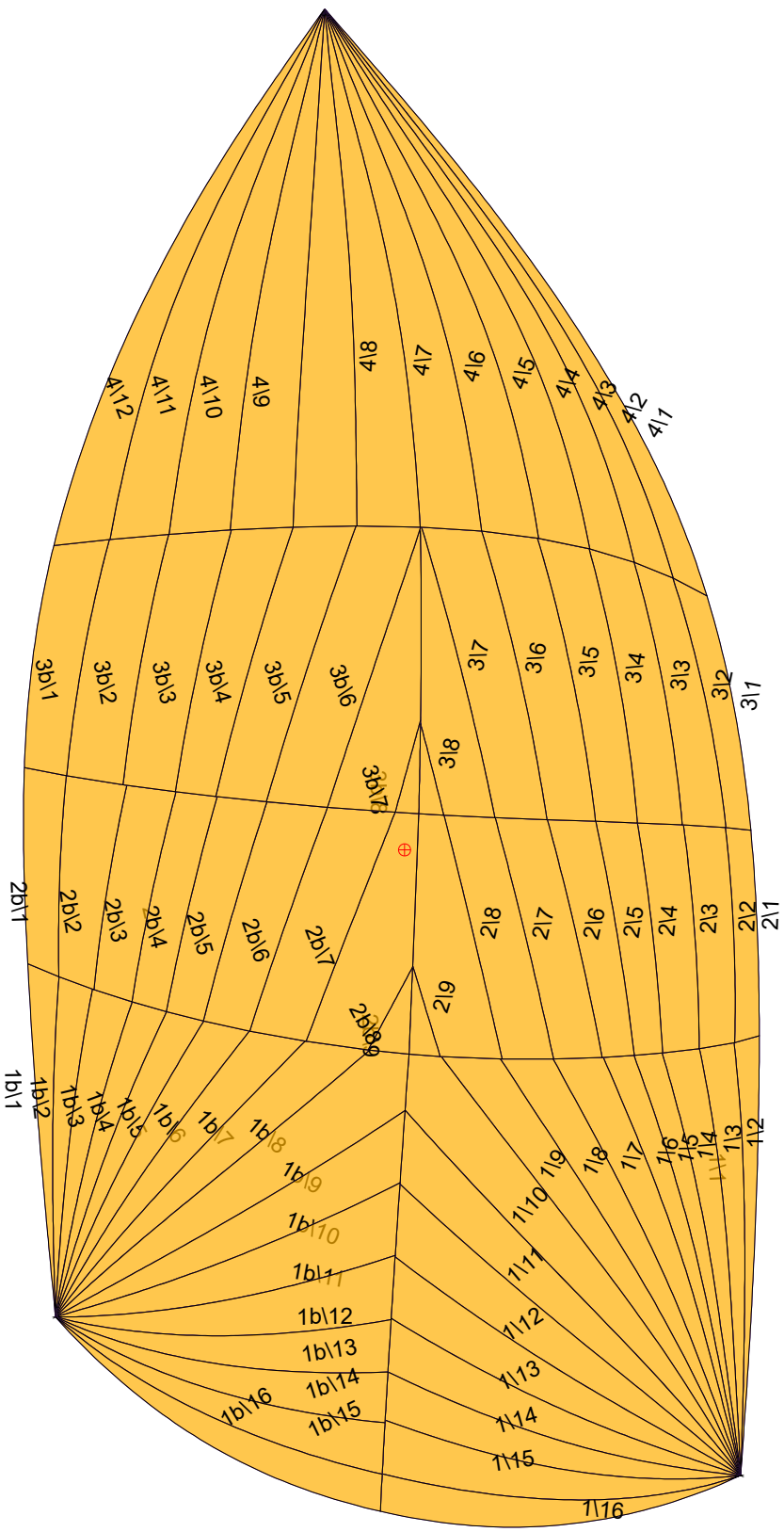

Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.020m	0.020m	0.020m
Zone: 1/b	0.020m	0.020m	0.020m
Zone: 2/a	0.020m	0.020m	0.020m
Zone: 2/b	0.020m	0.020m	0.020m
Zone: 3/a	0.020m	0.020m	0.020m
Zone: 3/b	0.020m	0.020m	0.020m
Zone: 4	0.020m	0.020m	0.020m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	28.78
Radial/Vertical	332.01
Bi-Radial Split	12.37

Materials

Material	Area (m?	Panels
maxlite 150 g	145.83	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\14,1\15 1\16,1b\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\7,2\8 2\9,2b\9,2b\8,2b\7,2b\6 2b\5,2b\4,2b\3,2b\2,2b\1 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3b\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