Asymmetric: 6000213 Spencer asy-Color

Design Info
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Design File:
E:\dropbox\Dropbox\Fareast Sails\2022 Order\6000213 Spencer\6000213 Spencer asy-Color.des

Comments:

Initial Design Date: 12/2/2022
Boat:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	18.600m	
Leech length (SLE):	17.914m	
Foot length (SFL):	11.110m	
Headboard Width:	0.010m	
Three-quarter width:	5.962m	Closest Pt: 4.960m
Half width (SHW):	10.507m	Closest Pt: 9.782m
Quarter width:	11.465m	Closest Pt: 11.835m
ORC Area:	161.688m?	
IRC Area:	161.041m?	
Surface Area:	169.764m?	
Hoist height:	17.495m	
J:	6.349m	

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% [0.476m])		Before BSeam
100% (18.485m) :	0.000m	0.000m
87% (16.099m) :	-0.169m	0.968m
75% (13.879m) :	-0.342m	1.792m
64% (11.866m) :	-0.510m	2.367m
54% (10.057m) :	-0.670m	2.579m
45% (8.369m) :	-0.802m	2.510m
36% (6.727m) :	-0.875m	2.212m
28% (5.087m) :	-0.859m	1.745m
19% (3.427m) :	-0.712m	1.193m
9% (1.729m) :	-0.402m	0.616m
0% (0.000m) :	0.000m	0.000m

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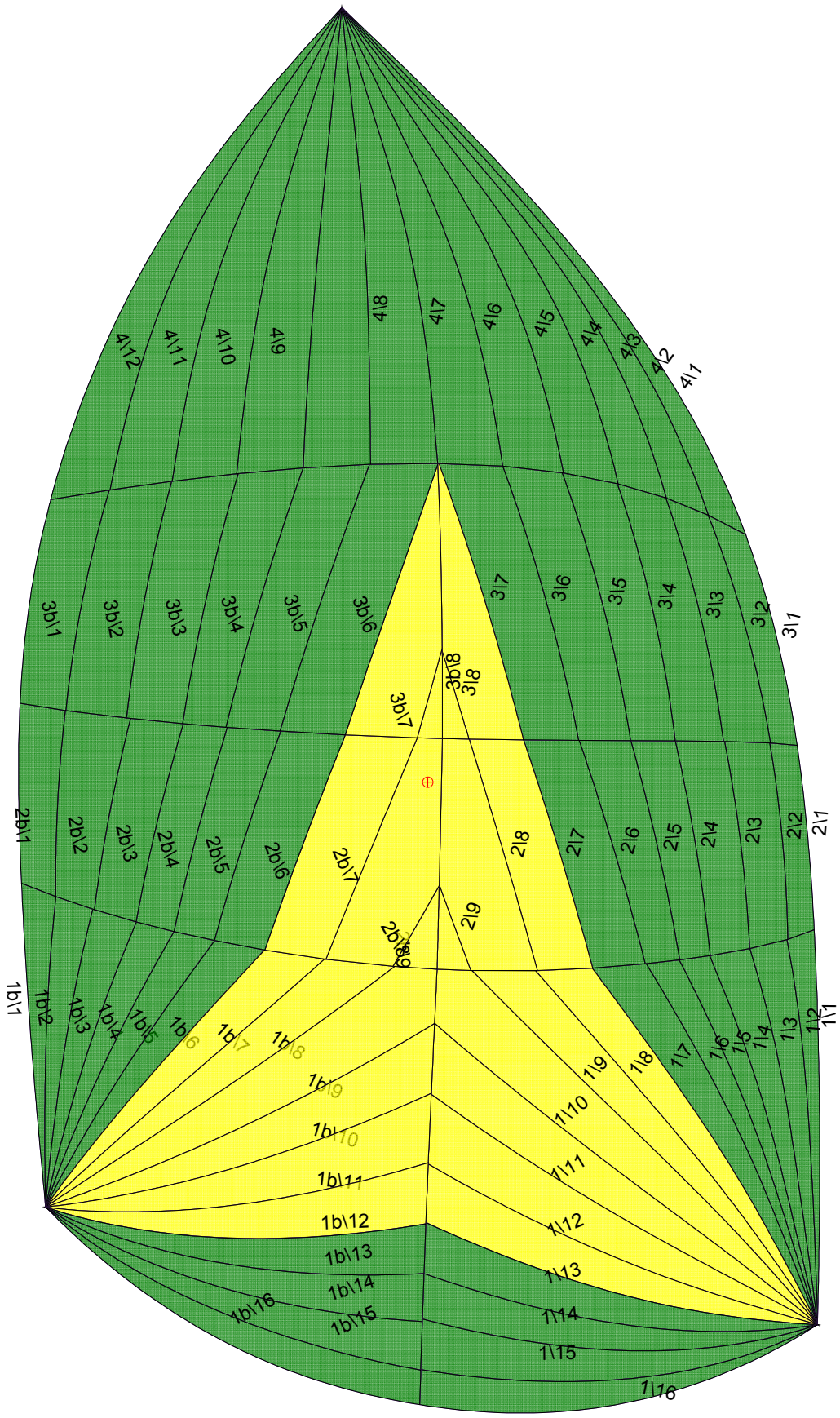

Seam Allowances

	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	32.73
Radial/Vertical	350.27
Bi-Radial Split	12.76

Materials

Material	Area (m?	Panels
green	125.86	1\1,1\2,1\3,1\4,1\5 1\6,1\13,1\14,1\15,1\16 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\13,1b\14,1b\15,1b\16 2\1,2\2,2\3,2\4,2\5 2\6,2b\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\1,4\1 4\2,4\3,4\4,4\5,4\6 4\7,4\8,4\9,4\10,4\11 4\12
Yellow	43.83	1\7,1\8,1\9,1\10,1\11 1\12,1b\7,1b\8,1b\9,1b\10 1b\11,1b\12,2\7,2\8,2\9 2b\9,2b\8,2b\7,3\7,3\8 3b\8,3b\7