

Asymmetric: 6001203 Peter asy

Design Info
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Design File:
D:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001203 Peter\6001203 Peter asy.des

Initial Design Date: 6/12/2022
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	17.000m	
Leech length (SLE):	15.717m	
Foot length (SFL):	7.990m	
Headboard Width:	0.010m	
Three-quarter width:	4.992m	Closest Pt: 4.312m
Half width (SHW):	8.362m	Closest Pt: 7.954m
Quarter width:	8.683m	Closest Pt: 8.995m
ORC Area:	112.976m ²	
IRC Area:	112.524m ²	
Surface Area:	115.226m ²	
Hoist height:	16.460m	
J:	4.571m	

Luff Curve

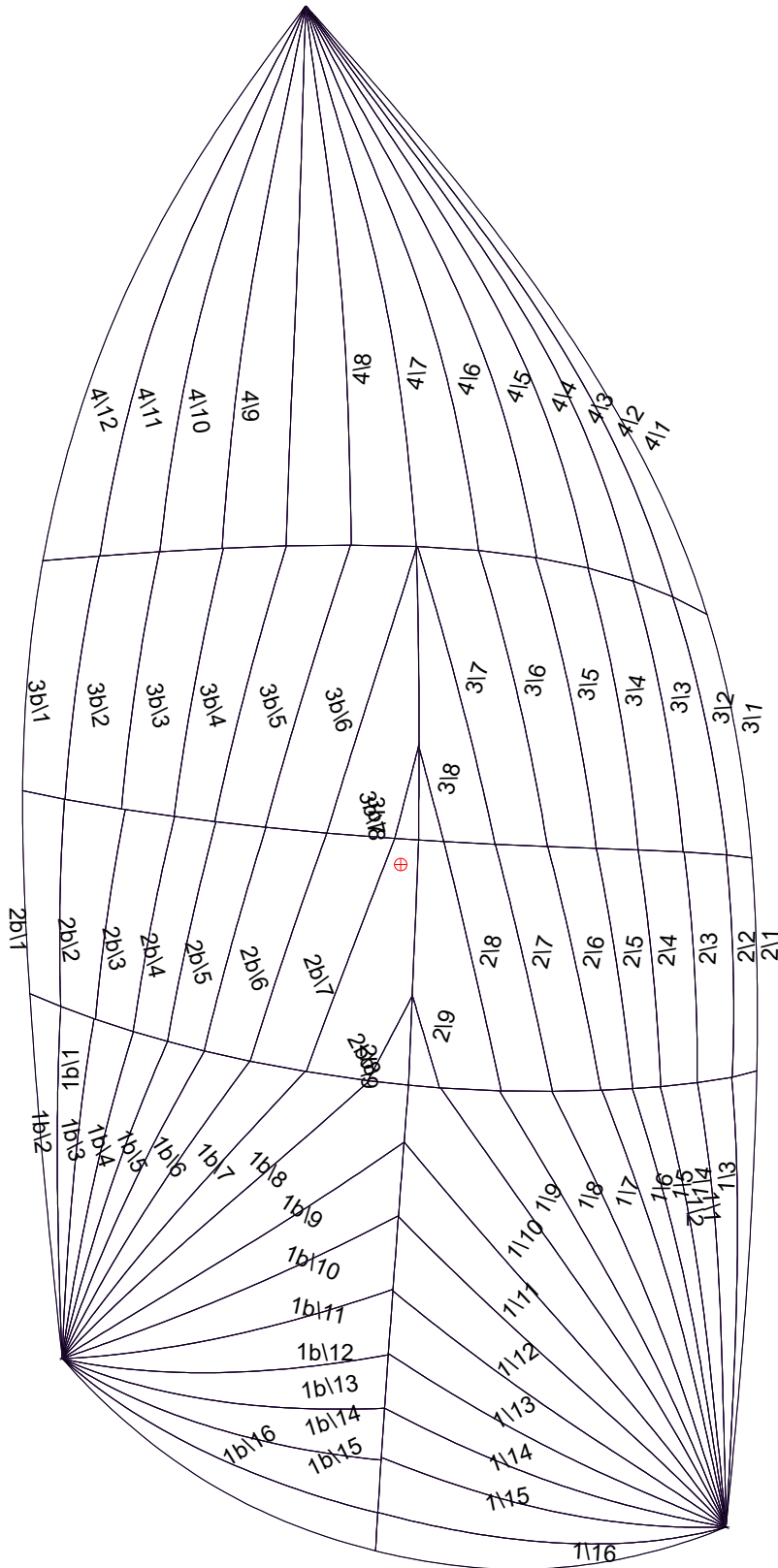
10.349m,	0.000m
7.762m,	0.000m
5.175m,	0.000m
2.587m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.335m])

100% (16.960m) :	0.000m	0.000m
88% (14.890m) :	-0.025m	0.869m
76% (12.928m) :	-0.073m	1.624m
65% (11.106m) :	-0.141m	2.168m
56% (9.431m) :	-0.236m	2.383m
46% (7.853m) :	-0.345m	2.323m
37% (6.310m) :	-0.434m	2.047m
28% (4.766m) :	-0.470m	1.615m
19% (3.204m) :	-0.415m	1.102m
10% (1.615m) :	-0.241m	0.566m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.035m	0.015m	0.035m
Zone: 1/b	0.035m	0.015m	0.035m
Zone: 2/a	0.035m	0.015m	0.035m
Zone: 2/b	0.035m	0.015m	0.035m
Zone: 3/a	0.035m	0.015m	0.035m
Zone: 3/b	0.035m	0.015m	0.035m
Zone: 4	0.035m	0.015m	0.035m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	25.38
Radial/Vertical	294.93
Bi-Radial Split	11.01

Materials

Material	Area (m ²)	Panels
Material 1	115.17	1/1,1/2,1/3,1/4,1/5 1/6,1/7,1/8,1/9,1/10 1/11,1/12,1/13,1/14,1/15 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