

Asymmetric: 6001203 Peter asy.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001203 Pet

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?	
IRC Area:	112.524m?	
Surface Area:	115.214m?	
Hoist height:	16.460m	
J:	4.571m	

Luff Curve

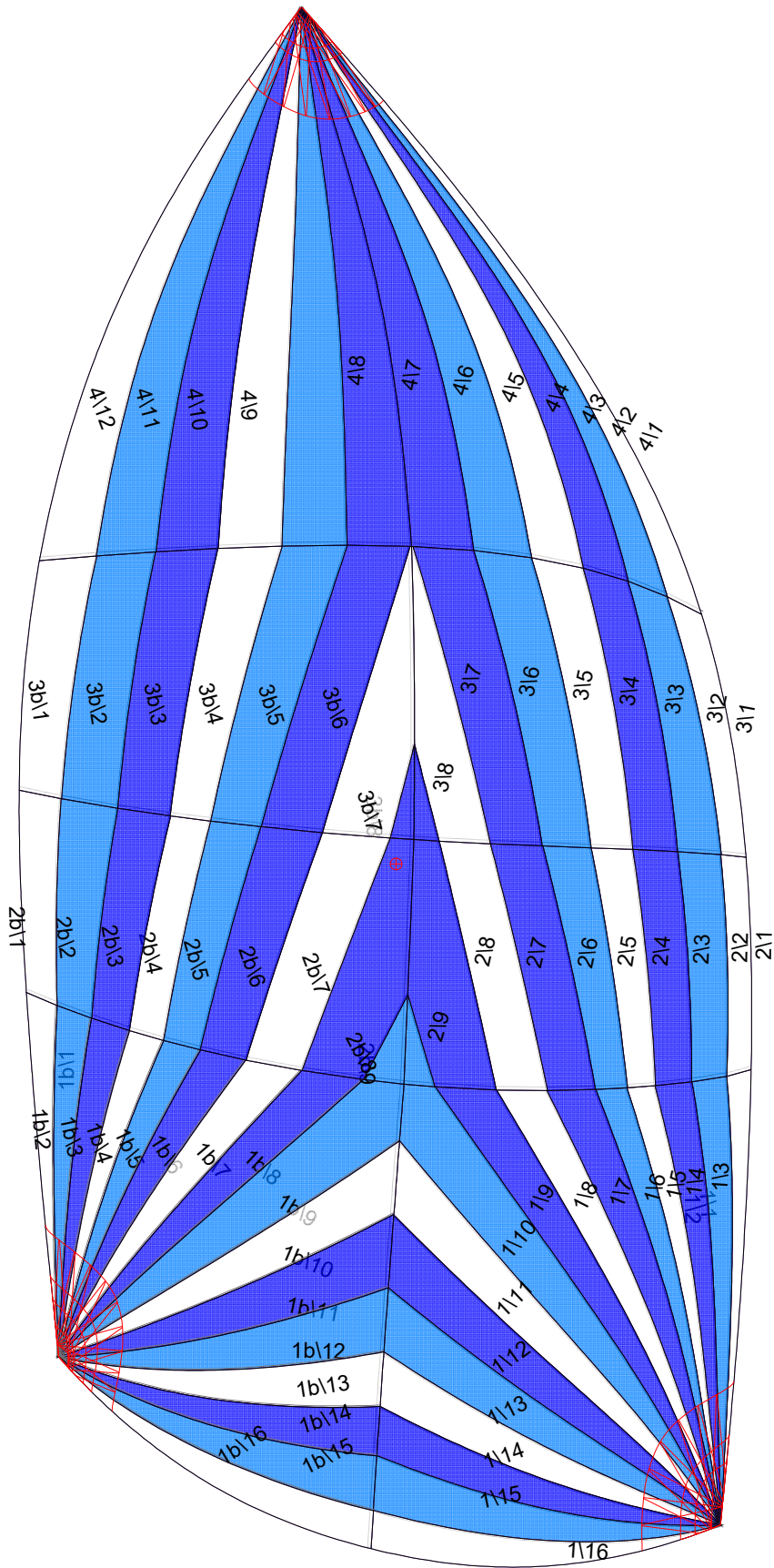
10.349m,	0.000m
7.762m,	0.000m
5.175m,	0.000m
2.587m,	0.000m
0.000m,	0.000m

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	1.625m
65% (11.106m) :	-0.141m	2.169m
56% (9.431m) :	-0.236m	2.384m
46% (7.853m) :	-0.345m	2.324m
37% (6.310m) :	-0.434m	2.047m
28% (4.766m) :	-0.470m	1.615m
19% (3.205m) :	-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
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	25.38
Radial/Vertical	295.00
Bi-Radial Split	11.01

Materials

Material	Area (m²)	Panels
White	40.15	1\1,1\4,1\7,1\10,1\13 1\16,1b\1,1b\4,1b\7,1b\10 1b\13,1b\16,2\1,2\4,2\7 2b\7,2b\4,2b\1,3\1,3\4 3\7,3b\7,3b\4,3b\1,4\1 4\4,4\9,4\12
Light Blue	36.20	1\2,1\5,1\9,1\12,1\15 1b\2,1b\5,1b\9,1b\12,1b\15 2\2,2\5,2\9,2b\9,2b\5 2b\2,3\2,3\5,3b\5,3b\2 4\2,4\5,4\8,4\11
Blue	38.83	1\3,1\6,1\8,1\11,1\14 1b\3,1b\6,1b\8,1b\11,1b\14 2\3,2\6,2\8,2b\8,2b\6 2b\3,3\3,3\6,3\8,3b\8 3b\6,3b\3,4\3,4\6,4\7 4\10