

Asymmetric: 6001103 Pou asy.des



Design Info
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Design File:
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Initial Design Date: 10/11/2022
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	14.700m	
Leech length (SLE):	13.570m	
Foot length (SFL):	8.400m	
Headboard Width:	0.010m	
Three-quarter width:	4.607m	Closest Pt: 3.710m
Half width (SHW):	8.085m	Closest Pt: 7.383m
Quarter width:	8.760m	Closest Pt: 9.010m
ORC Area:	95.977m ²	
IRC Area:	95.593m ²	
Surface Area:	100.065m ²	
Hoist height:	14.020m	
J:	4.950m	

Luff Curve		Fanned Luff (@ 5.00% [0.354m])	Before BSeam
10.349m,	0.000m	100% (14.630m) :	-0.000m 0.000m
7.762m,	0.000m	87% (12.788m) :	-0.101m 0.748m
5.175m,	0.000m	76% (11.052m) :	-0.209m 1.397m
2.587m,	0.000m	65% (9.454m) :	-0.318m 1.872m
0.000m,	0.000m	55% (8.001m) :	-0.428m 2.070m
		45% (6.650m) :	-0.526m 2.035m
		37% (5.341m) :	-0.589m 1.805m
		28% (4.037m) :	-0.593m 1.429m
		19% (2.718m) :	-0.501m 0.978m
		9% (1.372m) :	-0.286m 0.505m
		0% (0.000m) :	0.000m 0.000m

Section Data

Position	Camber	Draft	Twist	Entry	Exit	Roach	Luff Off	Luff Roach	Fwd Camb	Aft Camb
100.00%	15.044%	45.760%	20.000?	56.175?	-47.482?	0.000m	0.000m	0.000m	12.600%	12.700%
74.99%	21.519%	45.840%	14.999?	42.000?	-38.000?	1.453m	1.042m	2.074m	16.813%	16.737%
49.98%	24.756%	45.750%	9.998?	55.000?	-45.000?	1.637m	1.399m	2.162m	19.084%	18.350%
25.00%	24.731%	45.253%	5.000?	65.000?	-46.000?	0.955m	1.059m	1.226m	19.907%	18.831%
0.00%	24.500%	44.750%	0.000?	58.000?	-47.862?	0.000m	0.000m	0.000m	20.077%	19.179%
-10.00%	23.939%	44.135%	-2.000?	70.847?	-60.635?	-0.395m	-0.513m	-0.524m	19.349%	17.962%

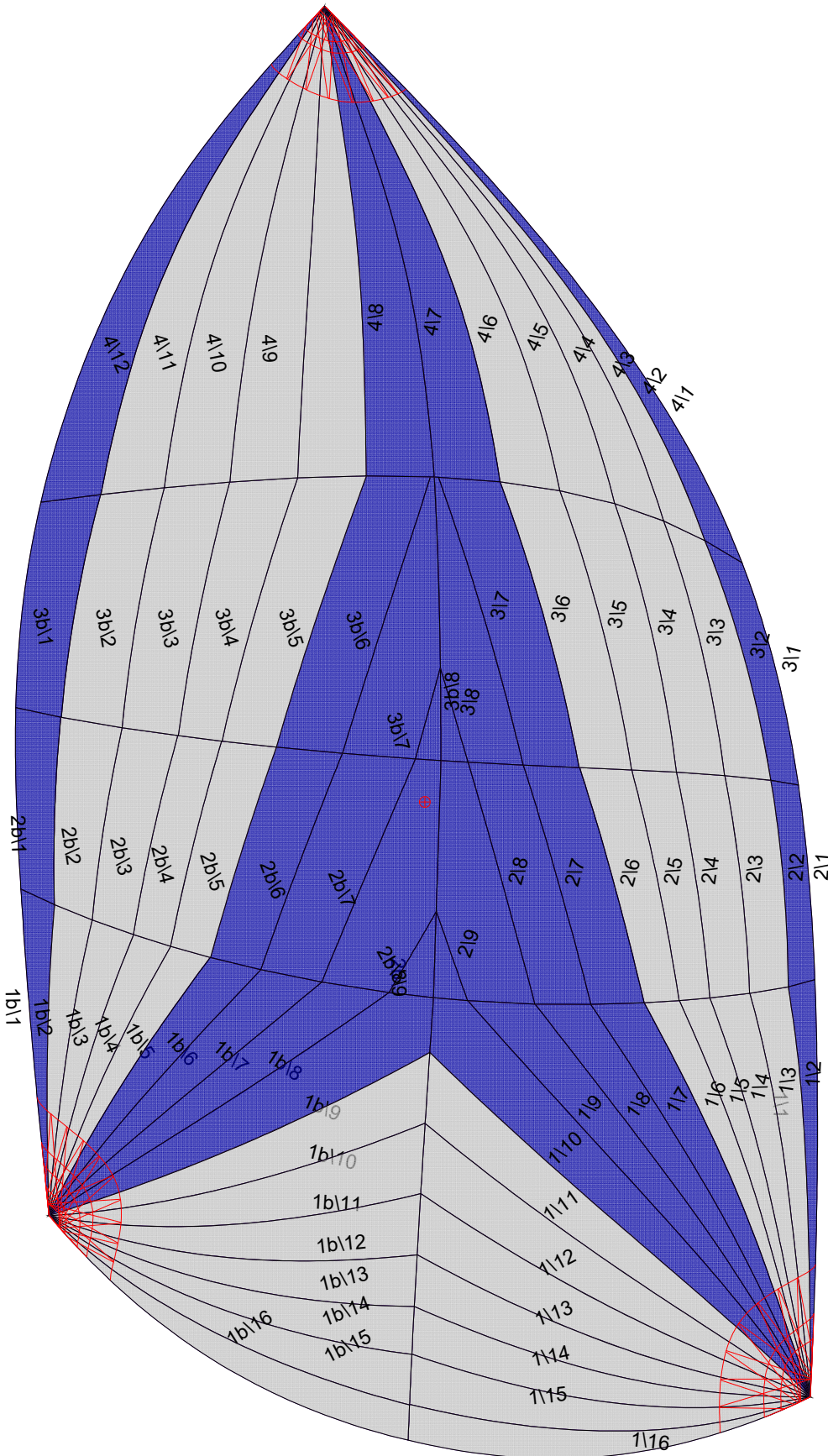
Chord Data

Luff : 13.6984m
Leech : 11.5353m
Foot : 7.2793m
Headboard width : 0.0100m

Fanned Foot Curve Depths

25.0%	50.0%	75.0%
0.2718m	0.4524m	0.3572m

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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	25.08
Radial/Vertical	269.67
Bi-Radial Split	9.89

Materials

Material	Area (m ²)	Panels
Dark Blue	38.33	1\1,1\6,1\7,1\8,1\9 1b\1,1b\6,1b\7,1b\8,1b\9 2\1,2\6,2\7,2\8,2\9 2b\9,2b\8,2b\7,2b\6,2b\1 3\1,3\6,3\7,3\8,3b\8 3b\7,3b\6,3b\1,4\1,4\6 4\7,4\12
Natural	61.69	1\2,1\3,1\4,1\5,1\10 1\11,1\12,1\13,1\14,1\15 1\16,1b\2,1b\3,1b\4,1b\5 1b\10,1b\11,1b\12,1b\13,1b\14 1b\15,1b\16,2\2,2\3,2\4 2\5,2b\5,2b\4,2b\3,2b\2 3\2,3\3,3\4,3\5,3b\5 3b\4,3b\3,3b\2,4\2,4\3 4\4,4\5,4\8,4\9,4\10 4\11