Asymmetric: 6001103 Pou asy .des

Design Info
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Design File:
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Comments:

Initial Design Date: 10/11/2022
Boat:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	14.700m	
Leech length (SLE):	13.287m	
Foot length (SFL):	8.400m	
Headboard Width:	0.010m	
Three-quarter width:	4.268m	Closest Pt: 3.613m
Half width (SHW):	7.523m	Closest Pt: 6.965m
Quarter width:	8.419m	Closest Pt: 8.592m
ORC Area:	89.775m?	
IRC Area:	89.416m?	
Surface Area:	94.079m?	
Hoist height:	14.020m	
J:	4.950m	

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% [0.354m])		Before BSeam
100% (14.628m) :	-0.000m	0.000m
87% (12.797m) :	-0.108m	0.705m
76% (11.068m) :	-0.221m	1.319m
65% (9.474m) :	-0.334m	1.765m
55% (8.021m) :	-0.445m	1.949m
46% (6.666m) :	-0.543m	1.918m
37% (5.353m) :	-0.604m	1.707m
28% (4.044m) :	-0.604m	1.357m
19% (2.722m) :	-0.508m	0.933m
9% (1.374m) :	-0.289m	0.484m
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?	1.065m	1.042m	2.015m	16.812%	16.737%
49.98%	24.756%	45.750%	9.998?	55.000?	-45.000?	1.200m	1.399m	2.100m	19.084%	18.350%
25.00%	24.731%	45.253%	5.000?	65.000?	-46.000?	0.700m	1.059m	1.191m	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?	-0.289m	-0.513m	-0.509m	19.348%	17.962%

Chord Data

Luff :	13.7353m
Leech :	11.5653m
Foot :	7.2739m

Headboard width : 0.0100m

Fanned Foot Curve Depths

25.0%	50.0%	75.0%
0.2728m	0.4512m	0.3509m

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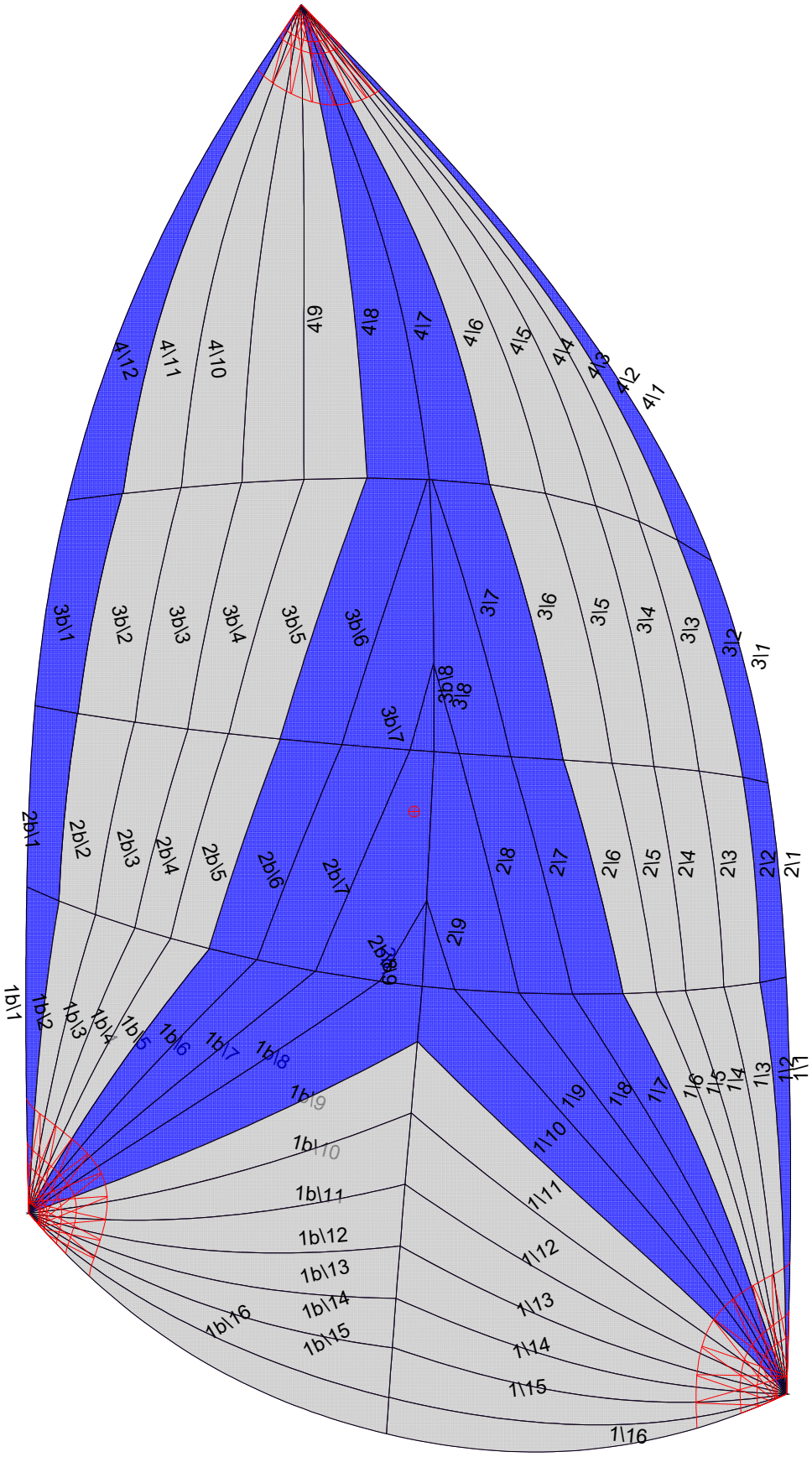

Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3/a	0.025m	0.015m	0.025m
Zone: 3/b	0.025m	0.015m	0.025m
Zone: 4	0.025m	0.015m	0.025m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	23.59
Radial/Vertical	267.91
Bi-Radial Split	9.75

Materials

Material	Area (m?	Panels
dark blue	35.60	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	58.42	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