

Asymmetric: 7000136 Chip check.des

Design Info
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Design File:
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Initial Design Date: 4/2/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	46.000Ft	
Leech length (SLE):	42.008Ft	
Foot length (SFL):	26.680Ft	
Headboard Width:	0.033Ft	
Three-quarter width:	13.241Ft	Closest Pt: 11.080Ft
Half width (SHW):	23.046Ft	Closest Pt: 21.238Ft
Quarter width:	26.099Ft	Closest Pt: 26.144Ft
ORC Area:	871.760Ft?	
IRC Area:	868.273Ft?	
Surface Area:	907.966Ft?	
Hoist height:	44.700Ft	
J:	15.251Ft	

Luff Curve

		Fanned Luff (@ 5.00% [1.121Ft])	Before BSeam
33.953Ft,	0.000Ft	100% (45.740Ft) :	0.000Ft -0.000Ft
25.465Ft,	0.000Ft	88% (40.240Ft) :	-0.436Ft 1.878Ft
16.977Ft,	0.000Ft	76% (34.990Ft) :	-0.869Ft 3.532Ft
8.488Ft,	0.000Ft	66% (30.071Ft) :	-1.277Ft 4.722Ft
0.000Ft,	0.000Ft	56% (25.520Ft) :	-1.649Ft 5.189Ft
		46% (21.219Ft) :	-1.942Ft 5.080Ft
		37% (17.017Ft) :	-2.089Ft 4.512Ft
		28% (12.830Ft) :	-2.027Ft 3.589Ft
		19% (8.614Ft) :	-1.666Ft 2.466Ft
		9% (4.336Ft) :	-0.937Ft 1.285Ft
		0% (0.000Ft) :	0.000Ft 0.000Ft

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?	0.000Ft	0.000Ft	0.000Ft	12.724%	12.724%
74.99%	21.519%	45.840%	14.999?	42.000?	-38.000?	3.660Ft	3.146Ft	5.233Ft	16.810%	16.741%
49.98%	24.756%	45.750%	9.998?	55.000?	-45.000?	4.125Ft	4.222Ft	5.455Ft	19.083%	18.351%
25.00%	24.731%	45.253%	5.000?	65.000?	-46.000?	2.406Ft	3.197Ft	3.094Ft	19.905%	18.833%
0.00%	24.500%	44.750%	0.000?	58.000?	-47.862?	0.000Ft	0.000Ft	0.000Ft	20.077%	19.179%
-10.00%	23.939%	44.135%	-2.000?	70.847?	-60.635?	-0.994Ft	-1.549Ft	-1.321Ft	19.348%	17.962%

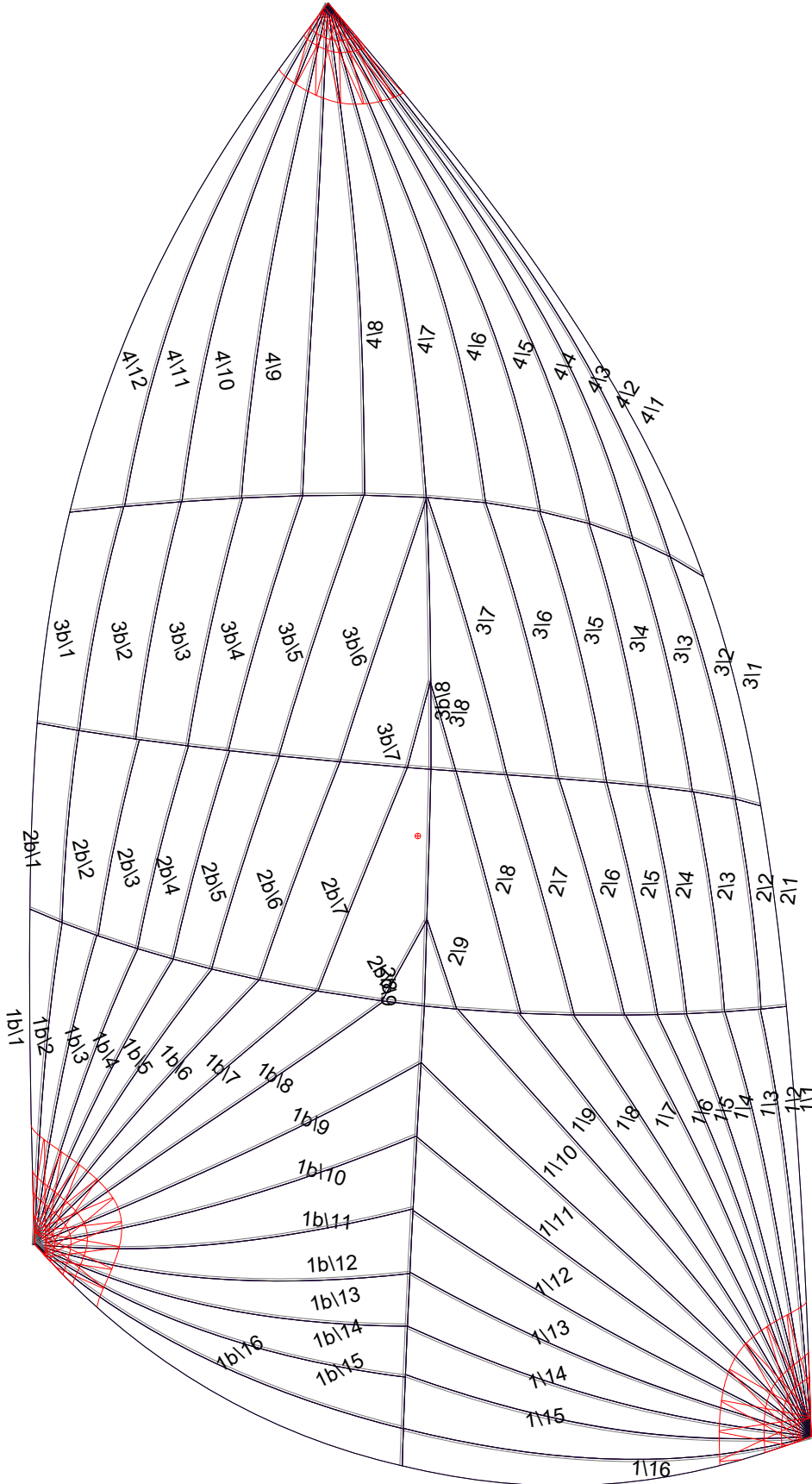
Chord Data

Luff : 43.6507Ft
 Leech : 36.8108Ft
 Foot : 23.1019Ft
 Headboard width : 0.0330Ft

Fanned Foot Curve Depths

25.0%	50.0%	75.0%
0.7977Ft	1.3342Ft	1.0453Ft

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.066Ft	0.066Ft	0.066Ft
Zone: 1/b	0.066Ft	0.066Ft	0.066Ft
Zone: 2/a	0.066Ft	0.066Ft	0.066Ft
Zone: 2/b	0.066Ft	0.066Ft	0.066Ft
Zone: 3/a	0.066Ft	0.066Ft	0.066Ft
Zone: 3/b	0.066Ft	0.066Ft	0.066Ft
Zone: 4	0.066Ft	0.066Ft	0.066Ft

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

Total Seam Lengths (Ft)

Horizontal	72.28
Radial/Vertical	842.02
Bi-Radial Split	30.57

Materials

Material	Area (Ft ²)	Panels
Material 1	907.19	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

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