

# Asymmetric: 6000511 Rod - Code Zero.des

Design Info  
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Design File:  
D:\dropbox\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000511 Rod-Lagoon 42\6000511 Rod - C

Initial Design Date: 17/5/2022  
Boat:

Client:

Design Data  
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Asymmetric

Measurements

Luff length (SLU): 16.220m  
Leech length (SLE): 14.590m  
Foot length (SFL): 8.448m  
Headboard Width: 0.030m  
Three-quarter width: 3.074m  
Half width (SHW): 5.511m  
Quarter width: 7.150m  
ORC Area: 78.283m?  
IRC Area: 77.970m?  
Surface Area: 73.397m?  
Hoist height: 10.260m  
J: 2.920m

Closest Pt: 2.647m  
Closest Pt: 4.878m  
Closest Pt: 6.450m

Comments:  
Lagoon 42  
170 Screecher (code 0)  
With 11mm Torque Rope (high strength vecran) - thimble to thimble  
UV Cover Luff and Leech - white  
Foot 8.448, Luff 16.22, Leech 14.59  
Full Radial Cut  
UV cover Requested\*  
7 percent leech roach  
Sail Area Sq Meters: 83m2  
  
Stormlite 210 - Tri Radial

Luff Curve

15.500m, 0.000m  
11.625m, 0.000m  
7.750m, 0.000m  
3.875m, 0.000m  
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.407m])	Before BSeam
100% (16.194m) :	0.000m 0.000m
90% (14.573m) :	-0.149m 0.030m
80% (12.953m) :	-0.278m 0.078m
70% (11.333m) :	-0.366m 0.146m
60% (9.715m) :	-0.406m 0.201m
50% (8.096m) :	-0.399m 0.225m
40% (6.478m) :	-0.365m 0.217m
30% (4.859m) :	-0.306m 0.183m
20% (3.240m) :	-0.223m 0.144m
10% (1.620m) :	-0.118m 0.085m
0% (0.000m) :	0.000m 0.000m

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	0.025m
Zone: 1/b	0.025m	0.016m	0.025m
Zone: 2/a	0.025m	0.016m	0.025m
Zone: 2/b	0.025m	0.016m	0.025m
Zone: 3/a	0.025m	0.016m	0.025m
Zone: 3/b	0.025m	0.016m	0.025m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m

## Edge Excesses

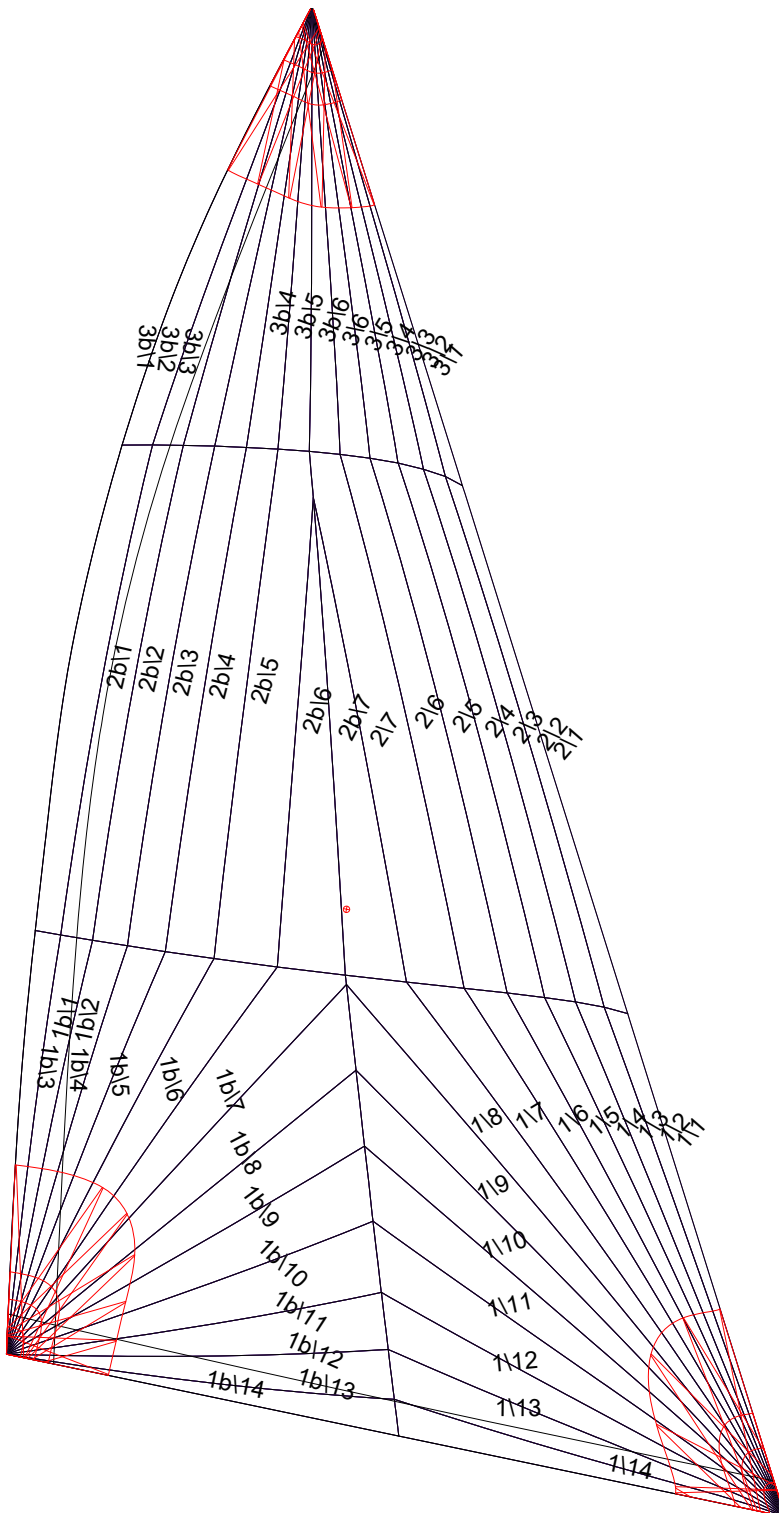
	Luff	Leech	Foot
Sail	0.000m	0.000m	0.000m
Cover 0	0.050m	0.100m	0.050m
Cover 1	0.050m	0.100m	0.050m

## Total Seam Lengths (m)

Horizontal	10.52
Radial/Vertical	249.35
Bi-Radial Split	15.31

## Materials

Material	Area (m <sup>2</sup> )	Panels
White	37.54	1\2, 1\5, 1\10, 1\13, 1b\2, 1b\5, 1b\10, 1b\13, 2\2, 2\3, 2\4, 2\5, 2\6, 2\7, 2b\7, 2b\6, 2b\5, 2b\4, 2b\3, 2b\2, 3\2, 3\5, 3b\5, 3b\2
DK BLUE	22.14	1\1, 1\4, 1\7, 1\8, 1\11, 1\14, 1b\1, 1b\4, 1b\7, 1b\8, 1b\11, 1b\14, 2\1, 2b\1, 3\1, 3\4, 3b\4, 3b\1
Li Blue	13.71	1\3, 1\6, 1\9, 1\12, 1b\3, 1b\6, 1b\9, 1b\12, 3\3, 3\6, 3b\6, 3b\3



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