

Asymmetric: 5000703Marv ORC Code Zero.des

Design Info

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Initial Design Date: 7/4/2016
Boat:

Client:

Design File:

D:\dropbox\Dropbox\Fareast Sails\2021\5000703Marv\5000703Marv ORC Code Zero.des

Comments:

Design Data

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Asymmetric

Measurements

Luff length (SLU):	15.600m	
Leech length (SLE):	14.240m	
Foot length (SFL):	8.500m	
Headboard Width:	0.030m	
Three-quarter width:	3.736m	Closest Pt: 3.157m
Half width (SHW):	6.384m	Closest Pt: 5.816m
Quarter width:	7.680m	Closest Pt: 7.281m
ORC/IRC Area:	84.637m ²	
Surface Area:	80.307m ²	
Hoist height:	15.110m	
J:	5.010m	

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% [0.410m])

100% (15.598m) :	-0.000m	-0.000m
89% (13.869m) :	-0.018m	0.293m
78% (12.173m) :	-0.042m	0.570m
68% (10.541m) :	-0.069m	0.782m
58% (8.974m) :	-0.094m	0.873m
48% (7.456m) :	-0.112m	0.834m
38% (5.952m) :	-0.118m	0.727m
29% (4.458m) :	-0.109m	0.574m
19% (2.970m) :	-0.086m	0.407m
10% (1.485m) :	-0.048m	0.215m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	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

Edge Excesses

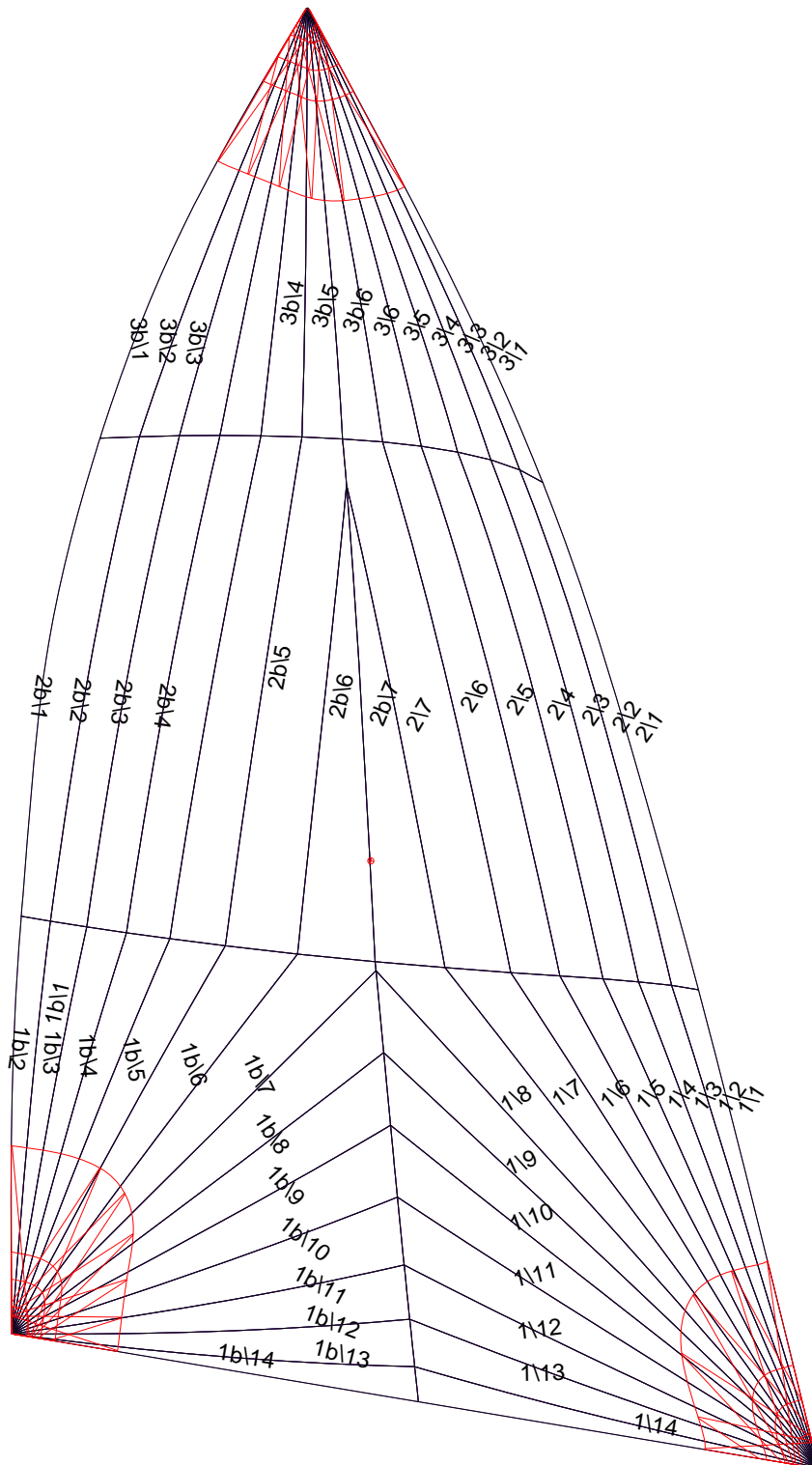
Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	12.31
Radial/Vertical	243.11
Bi-Radial Split	14.75

Materials

Material	Area (m ²)	Panels
White	41.92	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	23.84	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
Lt Blue	14.53	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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