

Asymetric: 3001119 Michael furling asy w colors R2

Design Info
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Design File:
D:\Dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production\2019\3001119 Michael\3001119

Initial Design Date: 20/12/2019
Boat:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 14.300m
Leech length (SLE): 13.264m
Foot length (SFL): 8.500m
Headboard Width: 0.020m
Three-quarter width: 5.016m
Half width (SHW): 8.228m
Quarter width: 8.926m
ORC/IRC Area: 95.122m?
Surface Area: 98.292m?

Closest Pt: 3.894m
Closest Pt: 7.660m
Closest Pt: 8.979m

Comments:

(96m2) IFS: Maxlite 150 + code zero 30+ carbon fiber with sail design

ISP - 13.56m - deck to spin halyard
J - 4.29m - mast to bow (not end of bowsprit)
1 - 14.45m - from bowsprit end (tack) to halyard exit on mast
2 - 75mm - (head swivel reduction)
3 - 195mm - (tack reduction for bottom swivel)
4 - 482mm - (additional bowsprit length)
5 - 10.05m - (tack to sheet block)
6 - N/A
7 - 1.81m - (Axis of boat to sheet block)

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. Before BSeam

100% (14.178m) : 0.000m 0.000m
82% (11.572m) : -0.385m 1.565m
69% (9.750m) : -0.654m 2.197m
59% (8.342m) : -0.801m 2.386m
50% (7.100m) : -0.862m 2.352m
42% (5.921m) : -0.851m 2.170m
34% (4.758m) : -0.759m 1.890m
25% (3.586m) : -0.603m 1.515m
17% (2.398m) : -0.413m 1.052m
8% (1.202m) : -0.210m 0.532m
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
Zone: 4	0.025m	0.016m	0.025m

Edge Excesses

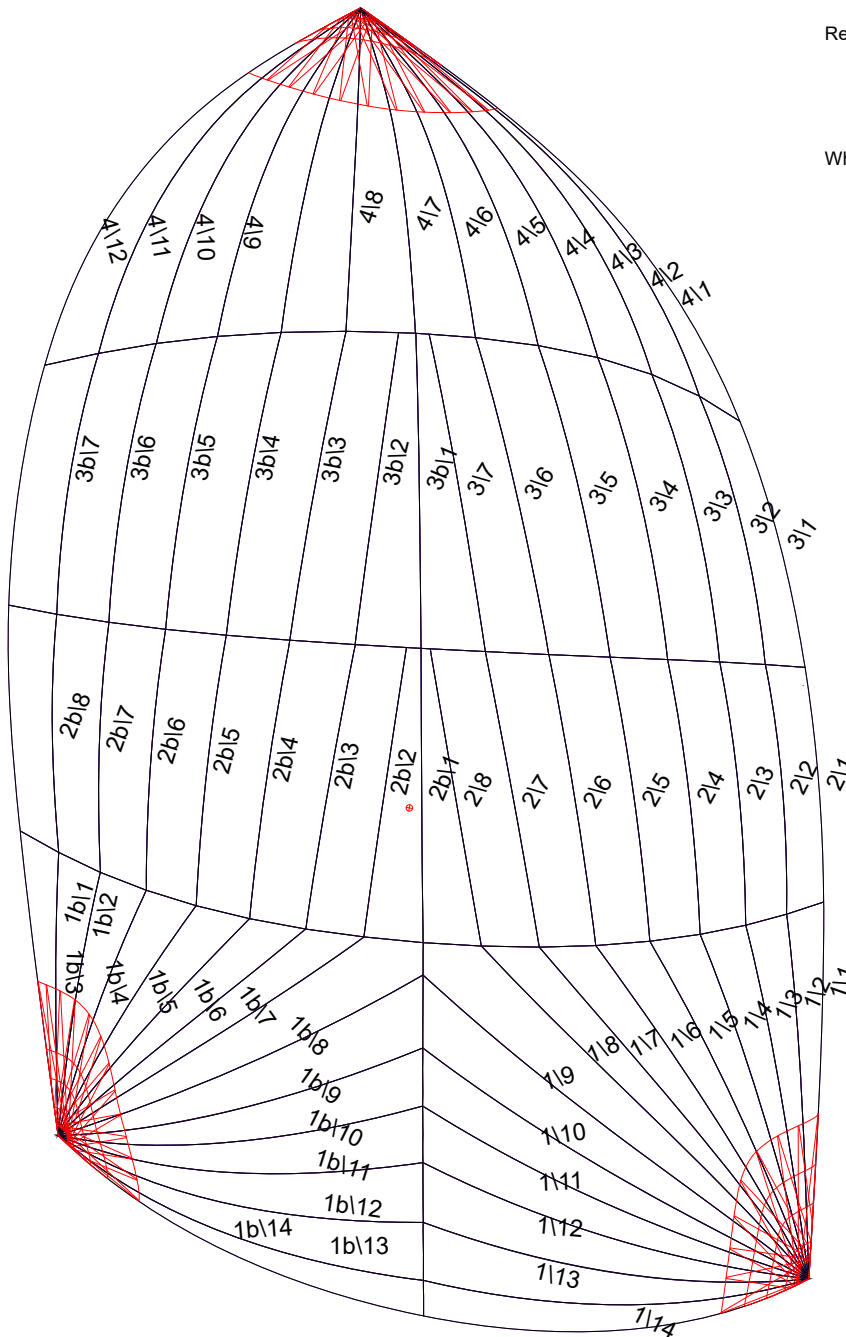
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	24.84
Radial/Vertical	245.88
Bi-Radial Split	9.96

Materials

Material	Area (m ²)	Panels
Blue	32.64	2\1,2\2,2\3,2\4,2\5 2\6,2\7,2\8,3\1,3\2 3\3,3\4,3\5,3\6,3\7 4\1,4\2,4\3,4\4,4\5 4\6
Red	37.47	1\1,1\2,1\5,1\6,1\9 1\10,1\13,1\14,1b\1,1b\2 1b\5,1b\6,1b\9,1b\10,1b\13 1b\14,2b\3,2b\4,2b\7,2b\8 3b\2,3b\3,3b\6,3b\7,4\7 4\8,4\11,4\12
White	28.38	1\3,1\4,1\7,1\8,1\11 1\12,1b\3,1b\4,1b\7,1b\8 1b\11,1b\12,2b\1,2b\2,2b\5 2b\6,3b\1,3b\4,3b\5,4\9 4\10



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