

# Asymmetric: 8000924 Marc Nautitech46 FLY 2017 ScreecherV3.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000924 Marc 201

Initial Design Date: 26/9/2024  
Boat:  
Nautitech46 FLY2017 Screecher  
Client:

Comments:

Design Data  
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Asymmetric

Measurements

Luff length (SLU):	19.330m	
Leech length (SLE):	16.925m	
Foot length (SFL):	12.070m	
Headboard Width:	0.015m	
Three-quarter width:	3.532m	Closest Pt: 2.983m
Half width (SHW):	6.805m	Closest Pt: 5.889m
Quarter width:	9.600m	Closest Pt: 8.476m
ORC Area:	118.701m <sup>2</sup>	
IRC Area:	118.226m <sup>2</sup>	
Surface Area:	112.940m <sup>2</sup>	
Hoist height:	18.880m	
J:	7.100m	

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% [0.583m])

100% (19.315m) :	0.000m	0.000m
90% (17.383m) :	-0.125m	0.054m
80% (15.451m) :	-0.226m	0.138m
70% (13.520m) :	-0.292m	0.233m
60% (11.588m) :	-0.327m	0.298m
50% (9.657m) :	-0.331m	0.327m
40% (7.726m) :	-0.308m	0.321m
30% (5.795m) :	-0.260m	0.280m
20% (3.864m) :	-0.187m	0.211m
10% (1.932m) :	-0.096m	0.112m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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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

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	22.15
Radial/Vertical	349.04
Bi-Radial Split	10.93

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	113.17	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

