

Asymmetric: 8000918 John code zero John.des

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000918 John M

Initial Design Date: 7/5/2021
Boat:

Comments:

Client:

Design Data
=====

Asymmetric

Measurements

Luff length (SLU):	15.800m	
Leech length (SLE):	13.341m	
Foot length (SFL):	10.960m	
Headboard Width:	0.030m	
Three-quarter width:	3.885m	Closest Pt: 3.040m
Half width (SHW):	7.098m	Closest Pt: 5.871m
Quarter width:	9.282m	Closest Pt: 8.100m
ORC Area:	95.567m?	
IRC Area:	95.184m?	
Surface Area:	90.412m?	
Hoist height:	14.700m	
J:	6.550m	

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% [0.527m])

100% (15.793m) :	0.000m	0.000m
89% (14.061m) :	-0.058m	0.218m
78% (12.368m) :	-0.121m	0.419m
68% (10.739m) :	-0.179m	0.578m
58% (9.148m) :	-0.208m	0.676m
48% (7.580m) :	-0.202m	0.707m
38% (6.037m) :	-0.185m	0.656m
29% (4.511m) :	-0.155m	0.541m
19% (2.998m) :	-0.113m	0.397m
9% (1.497m) :	-0.060m	0.214m
0% (0.000m) :	0.000m	0.000m

Before BSeam

Asymmetric: 8000918 John code zero John.des

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	13.44
Radial/Vertical	257.49
Bi-Radial Split	14.39

Materials

Material	Area (m ²)	Panels
Material 1	44.13	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\14,2\1 2\2,2\3,2\4,2\5,2\6 2\7,3b\6,3b\5,3b\4,3b\3 3b\2,3b\1
Material 2	45.59	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\14,2b\7 2b\6,2b\5,2b\4,2b\3,2b\2 2b\1,3\1,3\2,3\3,3\4 3\6 3\5
Material 3	0.88	3\5

