

Asymmetric: 6000615 Clark asy.des

Design Info
=====

Initial Design Date: 6/7/2022
Boat:
Client:

Design File:
D:\dropbox\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000615 Clark\6000615 Clark asy.des

Comments:
S6 Vessel "I" Mea54ft 5inrnt
S7 Vessel "J" Mea17ft 1inrnt

Design Data
=====

Asymmetric

Measurements

Luff length (SLU):	17.380m	
Leech length (SLE):	16.251m	
Foot length (SFL):	9.112m	
Headboard Width:	0.010m	
Three-quarter width:	5.248m	Closest Pt: 4.502m
Half width (SHW):	9.148m	Closest Pt: 8.608m
Quarter width:	9.726m	Closest Pt: 10.085m
ORC Area:	128.088m?	
IRC Area:	127.576m?	
Surface Area:	131.621m?	
Hoist height:	16.586m	
J:	5.207m	

Luff Curve

10.349m,	0.000m
7.762m,	0.000m
5.175m,	0.000m
2.587m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.387m])

100% (17.328m) :	0.000m	-0.000m
87% (15.156m) :	-0.050m	0.913m
76% (13.114m) :	-0.120m	1.700m
65% (11.237m) :	-0.208m	2.263m
55% (9.531m) :	-0.318m	2.486m
46% (7.933m) :	-0.433m	2.427m
37% (6.373m) :	-0.521m	2.140m
28% (4.815m) :	-0.547m	1.688m
19% (3.239m) :	-0.475m	1.151m
9% (1.633m) :	-0.273m	0.592m
0% (0.000m) :	0.000m	0.000m

Before BSeam

Asymmetric: 6000615 Clark asy.des

Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.020m	0.020m	0.020m
Zone: 1/b	0.020m	0.020m	0.020m
Zone: 2/a	0.020m	0.020m	0.020m
Zone: 2/b	0.020m	0.020m	0.020m
Zone: 3/a	0.020m	0.020m	0.020m
Zone: 3/b	0.020m	0.020m	0.020m
Zone: 4	0.020m	0.020m	0.020m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	28.11
Radial/Vertical	310.94
Bi-Radial Split	11.51

Materials

Material	Area (m ²)	Panels
Material 1	131.57	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

