

Asymetric: 4001121 Val asy v2.des

Design Info

=====

Initial Design Date: 9/12/2020

Boat:

Client:

Design File:

D:\dropbox\Dropbox\Fareast Sails\2020\4001121 Val\4001121 Val asy v2.des

Comments:

S6 Vessel "I" Mea39.9ftent HELP
 S7 Vessel "J" Me:12.33ftent HELP
 Add spinnkaer sock

Design Data

=====

Asymmetric

Measurements

Luff length (SLU): 12.800m
 Leech length (SLE): 11.677m
 Foot length (SFL): 6.580m
 Headboard Width: 0.010m
 Three-quarter width: 3.800m
 Half width (SHW): 6.672m
 Quarter width: 7.175m
 ORC/IRC Area: 67.863m?
 Surface Area: 70.233m?
 Hoist height: 12.160m
 J: 3.762m

Closest Pt: 3.151m
 Closest Pt: 6.133m
 Closest Pt: 7.380m

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% [0.274m])

100% (12.749m) : 0.000m
 88% (11.202m) : -0.082m
 76% (9.724m) : -0.167m
 65% (8.340m) : -0.250m
 55% (7.061m) : -0.332m
 46% (5.866m) : -0.407m
 37% (4.711m) : -0.461m
 28% (3.560m) : -0.472m
 19% (2.397m) : -0.406m
 9% (1.210m) : -0.234m
 0% (0.000m) : 0.000m

Before BSeam

-0.000m
 0.613m
 1.158m
 1.572m
 1.772m
 1.773m
 1.590m
 1.264m
 0.866m
 0.446m
 0.000m

Asymetric: 4001121 Val asy v2.des

Seam Allowances

	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	20.58
Radial/Vertical	226.60
Bi-Radial Split	8.62

Materials

Material	Area (m ²)	Panels
orange	56.36	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\11 1\12,1\14,1\16,1b\1,1b\2 1b\3,1b\4,1b\5,1b\6,1b\7 1b\8,1b\9,1b\11,1b\12,1b\14 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\2,4\4,4\6,4\8,4\10 4\12
white	13.84	1\10,1\13,1\15,1b\10,1b\13 1b\15,4\1,4\3,4\5,4\7 4\9,4\11

