

Asymetric: Dash 750 MKII A4.des

Design Info

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Initial Design Date: 27/8/2020
Boat:

Client:

Design File:

D:\dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production\2020\Corsair Marine Dash 750 MKII

Comments:

Design Data

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Asymmetric

Measurements

Luff length (SLU):	11.470m	
Leech length (SLE):	9.490m	
Foot length (SFL):	6.590m	
Headboard Width:	0.010m	
Three-quarter width:	3.900m	Closest Pt: 2.802m
Half width (SHW):	6.243m	Closest Pt: 5.528m
Quarter width:	6.961m	Closest Pt: 6.988m
ORC/IRC Area:	55.128m ²	
Surface Area:	57.766m ²	
Hoist height:	12.750m	
J:	3.873m	

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% [0.279m])

100% (11.434m) :	0.000m	0.000m
81% (9.233m) :	0.110m	1.517m
67% (7.692m) :	0.024m	2.052m
57% (6.507m) :	-0.092m	2.172m
48% (5.486m) :	-0.191m	2.122m
40% (4.542m) :	-0.275m	1.944m
32% (3.638m) :	-0.331m	1.670m
24% (2.747m) :	-0.330m	1.332m
16% (1.847m) :	-0.261m	0.929m
8% (0.930m) :	-0.145m	0.468m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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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	20.02
Radial/Vertical	201.81
Bi-Radial Split	7.18

Materials

Material	Area (m ²)	Panels
Material 1	57.96	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

