

Asymmetric: 7000120 Chris Lagoon40 Code zeroV1.des

Design Info

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Initial Design Date: 15/2/2023
Boat:
Lagoon 40
Client:

Design File:

F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000120 CH

Comments:
code zero 135
contender Stormlite 210 ,in white
luff cable max length 15.37m

Design Data

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Asymmetric

Measurements

Luff length (SLU):	14.850m	
Leech length (SLE):	12.429m	
Foot length (SFL):	10.700m	
Headboard Width:	0.005m	
Three-quarter width:	3.370m	Closest Pt: 2.635m
Half width (SHW):	6.370m	Closest Pt: 5.157m
Quarter width:	8.746m	Closest Pt: 7.349m
ORC Area:	82.248m?	
IRC Area:	81.919m?	
Surface Area:	75.891m?	
Hoist height:	13.653m	
J:	7.933m	

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% [0.513m])

100% (14.818m) :	-0.000m	0.000m
90% (13.335m) :	-0.157m	0.054m
80% (11.853m) :	-0.292m	0.122m
70% (10.371m) :	-0.384m	0.213m
60% (8.890m) :	-0.425m	0.287m
50% (7.409m) :	-0.418m	0.327m
40% (5.928m) :	-0.382m	0.328m
30% (4.446m) :	-0.320m	0.286m
20% (2.965m) :	-0.233m	0.229m
10% (1.483m) :	-0.123m	0.139m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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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	0.070m	0.070m
Cover 1	0.050m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	12.45
Radial/Vertical	244.65
Bi-Radial Split	13.33

Materials

Material	Area (m ²)	Panels
Material 1	37.30	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	37.88	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	0.86	3\5

