

Asymmetric: 7000203 James asyV1.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000203 Ja

Initial Design Date: 10/2/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 11.359m
Leech length (SLE): 10.443m
Foot length (SFL): 7.599m
Headboard Width: 0.010m
Three-quarter width: 3.732m
Half width (SHW): 6.827m
Quarter width: 7.699m
ORC Area: 63.421m?
IRC Area: 63.168m?
Surface Area: 67.533m?
Hoist height: 10.625m
J: 4.843m

Closest Pt: 2.816m
Closest Pt: 5.905m
Closest Pt: 7.826m

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% [0.324m])

100% (11.292m) : 0.000m
87% (9.784m) : -0.105m
74% (8.384m) : -0.210m
63% (7.120m) : -0.308m
53% (5.996m) : -0.400m
44% (4.968m) : -0.473m
35% (3.984m) : -0.515m
27% (3.012m) : -0.508m
18% (2.029m) : -0.424m
9% (1.025m) : -0.240m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
0.623m
1.153m
1.526m
1.683m
1.661m
1.478m
1.173m
0.805m
0.418m
0.000m

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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
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	21.72
Radial/Vertical	218.88
Bi-Radial Split	7.93

Materials

Material	Area (m ²)	Panels
Material 1	67.47	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

