

Asymmetric: 7000124 Manuel code 0.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000124 M

Initial Design Date: 31/1/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 13.900m
Leech length (SLE): 13.400m
Foot length (SFL): 7.350m
Headboard Width: 0.005m
Three-quarter width: 2.514m
Half width (SHW): 4.641m
Quarter width: 6.167m
ORC Area: 58.952m?
IRC Area: 58.716m?
Surface Area: 57.052m?
Hoist height: 13.230m
J: 3.630m

Closest Pt: 2.289m
Closest Pt: 4.319m
Closest Pt: 5.842m

Luff Curve

15.500m, 0.000m
11.625m, 0.000m
7.750m, 0.000m
3.875m, 0.000m
0.000m, 0.000m

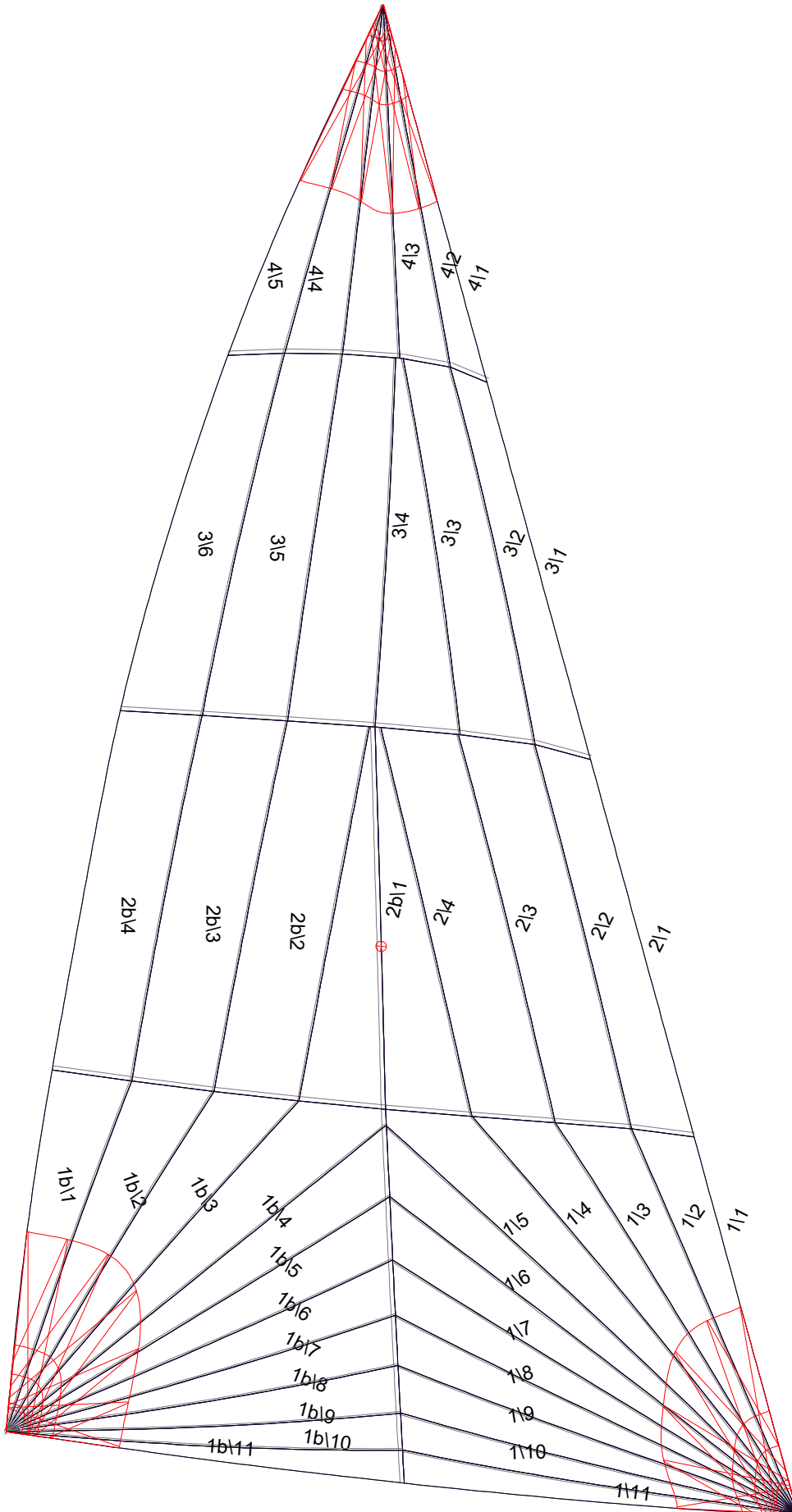
Fanned Luff (@ 5.00% [0.352m])

100% (13.873m) : 0.000m
90% (12.484m) : -0.139m
80% (11.096m) : -0.260m
70% (9.709m) : -0.342m
60% (8.322m) : -0.380m
50% (6.936m) : -0.373m
40% (5.550m) : -0.341m
30% (4.163m) : -0.285m
20% (2.776m) : -0.208m
10% (1.388m) : -0.109m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.029m
0.077m
0.141m
0.188m
0.209m
0.203m
0.172m
0.138m
0.084m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3	0.038m	0.015m	0.038m
Zone: 4	0.038m	0.015m	0.038m

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	13.40
Radial/Vertical	133.72
Bi-Radial Split	6.97

Materials

Material	Area (m ²)	Panels
Material 1	57.15	1\1, 1\2, 1\3, 1\4, 1\5 1\6, 1\7, 1\8, 1\9, 1\10 1\11, 1b\1, 1b\2, 1b\3, 1b\4 1b\5, 1b\6, 1b\7, 1b\8, 1b\9 1b\10, 1b\11, 2\1, 2\2, 2\3 2\4, 2b\1, 2b\2, 2b\3, 2b\4 3\1, 3\2, 3\3, 3\4, 3\5 3\6, 4\1, 4\2, 4\3, 4\4 4\5