

Asymmetric: 7000124 Manuel code 0.des

Design Info
=====

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
=====

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	Closest Pt: 2.289m
Half width (SHW):	4.641m	Closest Pt: 4.319m
Quarter width:	6.167m	Closest Pt: 5.842m
ORC Area:	58.952m?	
IRC Area:	58.716m?	
Surface Area:	57.052m?	
Hoist height:	13.230m	
J:	3.630m	

Luff Curve

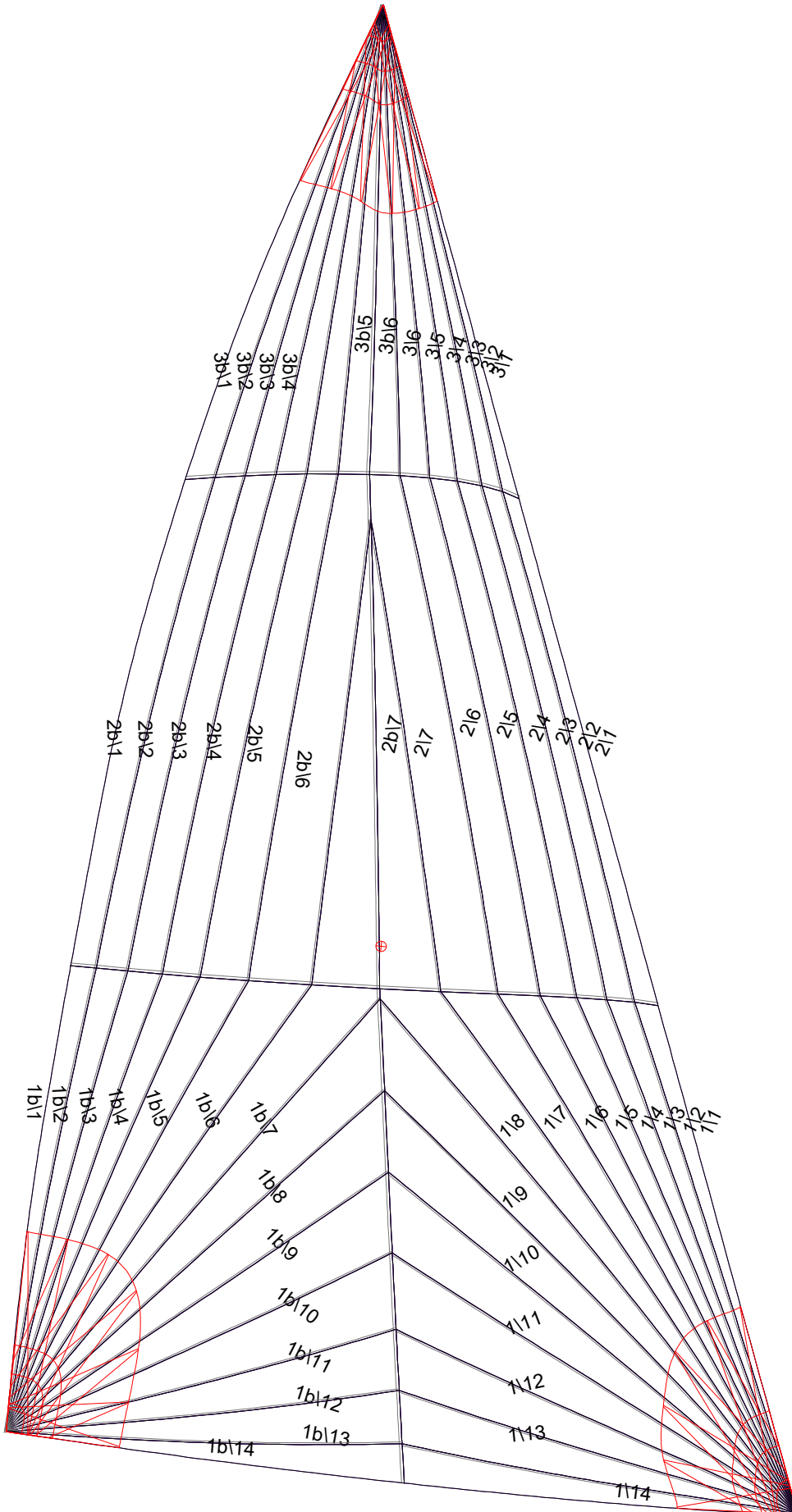
15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.352m])

100% (13.873m) :	0.000m	0.000m
90% (12.484m) :	-0.139m	0.029m
80% (11.096m) :	-0.260m	0.077m
70% (9.709m) :	-0.342m	0.141m
60% (8.322m) :	-0.380m	0.188m
50% (6.936m) :	-0.373m	0.209m
40% (5.550m) :	-0.341m	0.203m
30% (4.163m) :	-0.285m	0.172m
20% (2.776m) :	-0.208m	0.138m
10% (1.388m) :	-0.109m	0.084m
0% (0.000m) :	0.000m	0.000m

Before BSeam

Asymmetric: 7000124 Manuel code 0.des



Seam Allowances

Zone:	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

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	9.02
Radial/Vertical	220.97
Bi-Radial Split	13.69

Materials

Material	Area (m ²)	Panels
Material 1	28.57	1b1,1b2,1b3,1b4,1b5 1b6,1b7,1b8,1b9,1b10 1b11,1b12,1b13,1b14,2l1 2l2,2l3,2l4,2l5,2l6 2l7,3b6,3b5,3b4,3b3 3b2,3b1
Material 2	27.97	1l1,1l2,1l3,1l4,1l5 1l6,1l7,1l8,1l9,1l10 1l11,1l12,1l13,1l14,2b7 2b6,2b5,2b4,2b3,2b2 2b1,3l1,3l2,3l3,3l4 3l6 3l5
Material 3	0.62	3l6 3l5