

Asymmetric: 6000407 Philip Dufour 460 code zero.des

Design Info
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Design File:
D:\dropbox\Dropbox\Dropbox\Fareast Sails\2022 Order\6000407 Philip\6000407 Philip Dufour 460 code zero.des

Initial Design Date: 13/4/2022
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	18.100m	
Leech length (SLE):	16.091m	
Foot length (SFL):	10.625m	
Headboard Width:	0.030m	
Three-quarter width:	3.194m	Closest Pt: 2.755m
Half width (SHW):	6.110m	Closest Pt: 5.365m
Quarter width:	8.515m	Closest Pt: 7.617m
ORC Area:	99.908m?	
IRC Area:	99.508m?	
Surface Area:	94.858m?	
Hoist height:	18.060m	
J:	5.750m	

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% [0.512m])

100% (18.077m) :	0.000m	-0.000m
90% (16.268m) :	-0.148m	0.029m
80% (14.459m) :	-0.276m	0.079m
70% (12.652m) :	-0.363m	0.151m
60% (10.845m) :	-0.403m	0.213m
50% (9.038m) :	-0.397m	0.247m
40% (7.231m) :	-0.363m	0.248m
30% (5.424m) :	-0.305m	0.215m
20% (3.616m) :	-0.223m	0.172m
10% (1.808m) :	-0.117m	0.103m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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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

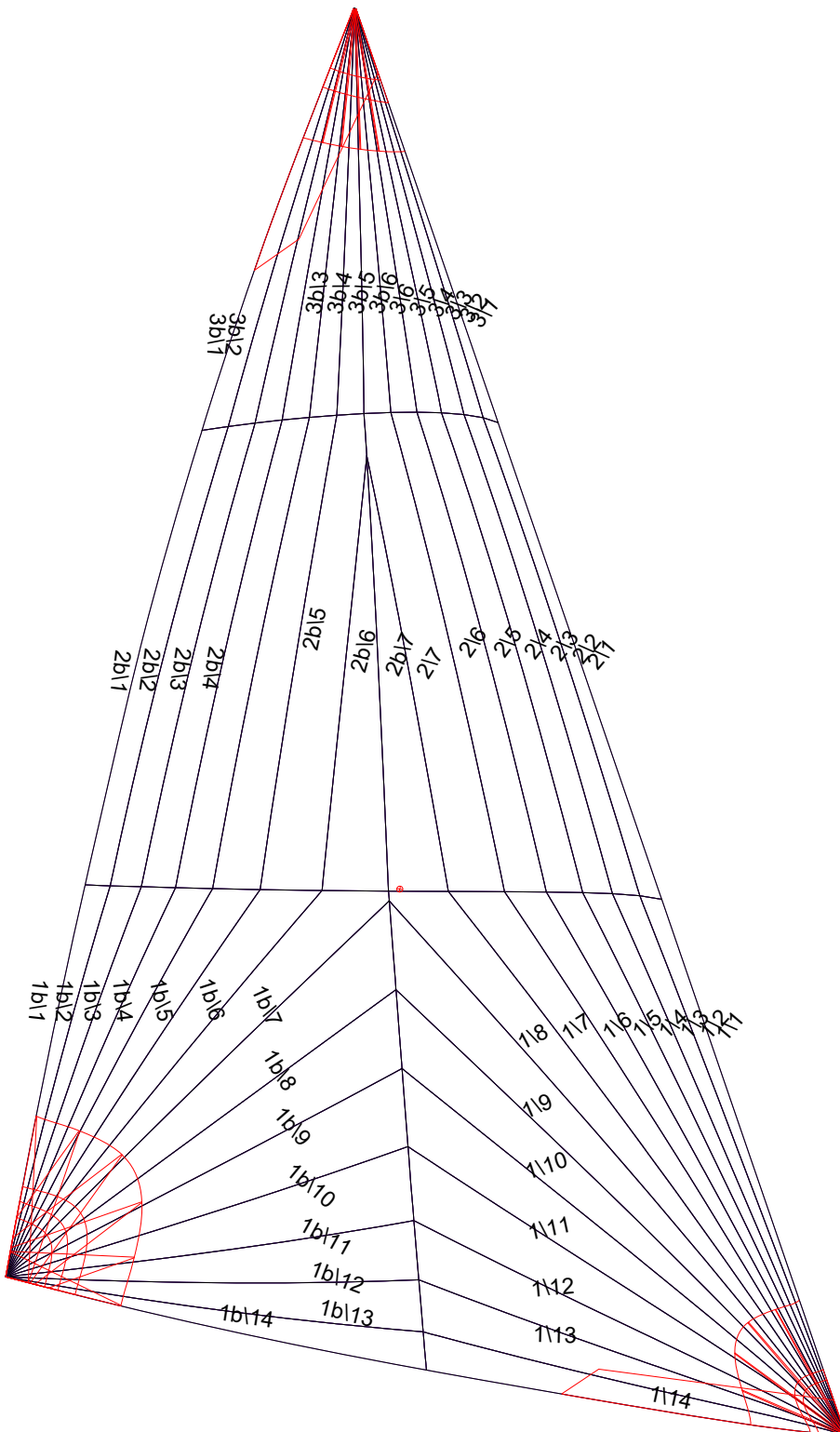
Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	11.47
Radial/Vertical	286.89
Bi-Radial Split	16.96

Materials

Material	Area (m ²)	Panels
Stormlite 210	95.06	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\14,1b\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 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\6,3b\6,3b\5 3b\4,3b\3,3b\2,3b\1



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