

Asymmetric: 8000815 Jesper Etchells 22 asy spi.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000815 Jesper E

Initial Design Date: 16/8/2024
Boat:
Etchells 22
Client:

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	8.810m	
Leech length (SLE):	8.151m	
Foot length (SFL):	4.270m	
Headboard Width:	0.015m	
Three-quarter width:	3.045m	Closest Pt: 2.580m
Half width (SHW):	4.634m	Closest Pt: 4.418m
Quarter width:	4.855m	Closest Pt: 5.034m
ORC Area:	32.235m?	
IRC Area:	32.106m?	
Surface Area:	33.399m?	
Hoist height:	8.410m	
J:	2.440m	

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% [0.190m])

100% (8.809m) :	0.000m	0.000m
86% (7.575m) :	0.034m	-0.576m
75% (6.575m) :	0.027m	0.497m
65% (5.687m) :	0.009m	0.961m
55% (4.846m) :	-0.003m	1.089m
46% (4.028m) :	-0.011m	1.094m
37% (3.220m) :	-0.014m	1.002m
27% (2.417m) :	-0.014m	0.830m
18% (1.613m) :	-0.010m	0.595m
9% (0.807m) :	-0.003m	0.313m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.014m	0.025m
Zone: 1/b	0.025m	0.014m	0.025m
Zone: 2/a	0.025m	0.014m	0.025m
Zone: 2/b	0.025m	0.014m	0.025m
Zone: 3/a	0.025m	0.014m	0.025m
Zone: 3/b	0.025m	0.014m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	9.40
Radial/Vertical	99.10
Bi-Radial Split	9.04

Materials

Material	Area (m ²)	Panels
Material 1	26.46	1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 1b\11,1b\12,2\1,2\2,2\3 2\4,2\5,2b\1,2b\2,2b\3 2b\4,2b\5,3\1,3\2,3\3 3\4,3b\1,3b\2,3b\3,3b\4
Material 2	6.91	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12

