

Asymmetric: 8001102 Stephen Kim Holman Sloop1956 DriffterV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001102 Stephen

Initial Design Date: 8/11/2024
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 7.650m
Leech length (SLE): 7.085m
Foot length (SFL): 4.717m
Headboard Width: 0.005m
Three-quarter width: 1.636m
Half width (SHW): 2.964m
Quarter width: 3.955m
ORC Area: 20.351m?
IRC Area: 20.269m?
Surface Area: 19.691m?
Hoist height: 8.460m
J: 2.775m

Closest Pt: 1.405m
Closest Pt: 2.646m
Closest Pt: 3.624m

Luff Curve

15.500m, 0.000m
11.625m, 0.060m
7.750m, 0.080m
3.875m, 0.060m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.226m])

100% (7.650m) : 0.000m
90% (6.885m) : -0.014m
80% (6.120m) : -0.025m
70% (5.355m) : -0.032m
60% (4.590m) : -0.036m
50% (3.825m) : -0.037m
40% (3.060m) : -0.036m
30% (2.295m) : -0.031m
20% (1.530m) : -0.023m
10% (0.765m) : -0.012m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.048m
0.104m
0.152m
0.182m
0.190m
0.177m
0.152m
0.116m
0.064m
0.000m

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Seam Allowances

	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	0.025m	0.014m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	6.06
Radial/Vertical	66.56
Bi-Radial Split	4.80

Materials

Material	Area (m ²)	Panels
Material 2	19.72	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1b1 1b2,1b3,1b4,1b5,1b6 1b7,1b8,1b9,1b10,2\1 2\2,2\3,2b1,2b2,2b3 2b4,3\1,3\2,3\3,3\4 3\5

