

Asymmetric: 8000234 Chris Screecher with UV.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000234 Chris Screecher

Initial Design Date: 29/2/2024
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 13.700m
Leech length (SLE): 12.100m
Foot length (SFL): 9.100m
Headboard Width: 0.015m
Three-quarter width: 3.151m
Half width (SHW): 5.726m
Quarter width: 7.630m
ORC Area: 68.808m?
IRC Area: 68.533m?
Surface Area: 66.646m?
Hoist height: 15.200m
J: 5.350m

Closest Pt: 2.586m
Closest Pt: 4.912m
Closest Pt: 6.811m

Luff Curve

15.500m, 0.000m
11.625m, 0.103m
7.750m, 0.137m
3.875m, 0.103m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.429m])

100% (13.700m) : 0.000m
90% (12.310m) : -0.003m
80% (10.924m) : 0.002m
70% (9.544m) : 0.005m
60% (8.168m) : 0.007m
50% (6.797m) : 0.009m
40% (5.429m) : 0.010m
30% (4.066m) : 0.010m
20% (2.708m) : 0.008m
10% (1.353m) : 0.004m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
0.178m
0.320m
0.425m
0.493m
0.513m
0.485m
0.412m
0.298m
0.154m
0.000m

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Seam Allowances

	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
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m
Cover 3	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.070m	0.070m
Cover 1	0.050m	0.070m	0.000m
Cover 2	0.070m	0.070m	0.070m
Cover 3	0.070m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	11.72
Radial/Vertical	221.13
Bi-Radial Split	12.87

Materials

Material	Area (m ²)	Panels
Material 1	32.25	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\7,3b\6,3b\5,3b\4,3b\3 3b\2,3b\1
Material 2	33.35	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\14,2b\7 2b\6,2b\5,2b\4,2b\3,2b\2 2b\1,3\1,3\2,3\3,3\4
Material 3	0.97	3\6 3\5

