

Spinnaker: 7000221 Patrick Jensen Cal 40 sym.des

Design Info

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Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000221 Patrick\7000221 Pa

Initial Design Date: 24/2/2023
Boat:

Comments:

Client:

Design Data

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Spinnaker

Measurements

Leech length (SLE): 15.451m
Foot length (SFL): 8.830m
Headboard Width: 0.005m
Maximum width (32.6%): 8.871m
Three-quarter width: 5.307m
Half width (SHW): 8.542m
Quarter width: 8.861m
Foot median: 16.052m
ORC Spinnaker Area: 110.723m?
IRC Spinnaker Area: 110.280m?
Surface Area: 111.825m?
Hoist height: 13.640m
Pole Length: 4.775m

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% [0.387m])

100% (8.287m) : 0.000m
106% (8.812m) : 2.236m
88% (7.252m) : 0.281m
105% (8.691m) : 1.464m
84% (6.946m) : 0.962m
64% (5.294m) : -0.130m
63% (5.208m) : 1.448m
45% (3.743m) : 1.664m
31% (2.528m) : 1.146m
16% (1.309m) : 0.573m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.981m
1.740m
2.188m
2.254m
2.070m
1.733m
1.317m
0.877m
0.429m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3/a	0.025m	0.015m	0.025m
Zone: 3/b	0.025m	0.015m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	17.12
Radial/Vertical	245.46
Bi-Radial Split	16.18

Materials

Material	Area (m ²)	Panels
Material 1	112.07	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, 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, 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

