

Spinnaker: 8000210 Joe Perry 43 Seabra sym Spinnaker.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000210 Joe Perry

Initial Design Date: 19/2/2024
Boat:

Comments:

Client:

Design Data
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Spinnaker

Measurements

Leech length (SLE): 15.000m
 Foot length (SFL): 8.600m
 Headboard Width: 0.020m
 Maximum width (32.9%): 9.198m
 Three-quarter width: 5.436m
 Half width (SHW): 8.706m
 Quarter width: 9.158m
 Foot median: 16.383m
 ORC Spinnaker Area: 108.559m?
 IRC Spinnaker Area: 108.125m?
 Surface Area: 116.458m?
 Hoist height: 14.200m
 Pole Length: 4.830m

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% [0.351m])		Before BSeam
100% (10.552m) :	0.000m	-0.000m
83% (8.774m) :	-1.820m	1.608m
61% (6.475m) :	-2.833m	2.333m
38% (4.048m) :	-2.297m	2.636m
49% (5.216m) :	-1.434m	2.664m
63% (6.604m) :	-0.895m	2.490m
46% (4.877m) :	-0.585m	2.157m
37% (3.936m) :	0.508m	1.702m
25% (2.617m) :	0.516m	1.175m
13% (1.365m) :	0.252m	0.606m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.013m	0.025m
Zone: 1/b	0.025m	0.013m	0.025m
Zone: 2/a	0.025m	0.013m	0.025m
Zone: 2/b	0.025m	0.013m	0.025m
Zone: 3/a	0.025m	0.013m	0.025m
Zone: 3/b	0.025m	0.013m	0.025m
Zone: 4/a	0.025m	0.013m	0.025m
Zone: 4/b	0.025m	0.013m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	26.99
Radial/Vertical	225.02
Bi-Radial Split	16.57

Materials

Material	Area (m ²)	Panels
Light blue	56.48	1\1,1\2,1\4,1\8,1\10 1\11,1\12,1\13,1b\1,1b\2 1b\4,1b\8,1b\10,1b\11,1b\12 1b\13,4\5,4\4,4\2,4b\2 4b\4,4b\5
Pink	16.98	1\3,1\9,1b\3,1b\9,4\3 4b\3
Fluo Yellow	50.61	1\5,1\6,1\7,1b\5,1b\6 1b\7,2\6,2\5,2\4,2\3 2\2,2\1,2b\1,2b\2,2b\3 2b\4,2b\5,2b\6,3\6,3\5 3\4,3\3,3\2,3\1,3b\1 3b\2,3b\3,3b\4,3b\5,3b\6 4\1,4b\1

