

Spinnaker: 7000425 Dan-2 sym spinnaker.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000425 Dan\7000425

Initial Design Date: 11/5/2023
Boat:

Comments:

Client:

Design Data
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Spinnaker

Measurements

Leech length (SLE): 11.700m
Foot length (SFL): 6.390m
Headboard Width: 0.020m
Maximum width (38.9%): 6.726m
Three-quarter width: 4.154m
Half width (SHW): 6.550m
Quarter width: 6.630m
Foot median: 12.571m
ORC Spinnaker Area: 63.551m?
IRC Spinnaker Area: 63.297m?
Surface Area: 66.167m?
Hoist height: 11.200m
Pole Length: 0.100m

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% [0.243m])		Before BSeam
100% (7.763m) :	-0.000m	0.000m
116% (9.001m) :	0.623m	1.253m
91% (7.028m) :	-1.007m	1.957m
65% (5.048m) :	-1.868m	2.140m
38% (2.983m) :	-1.355m	2.108m
47% (3.648m) :	-0.701m	1.917m
43% (3.328m) :	0.118m	1.601m
36% (2.790m) :	1.023m	1.214m
23% (1.794m) :	0.910m	0.808m
12% (0.940m) :	0.467m	0.400m
0% (0.000m) :	0.000m	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	13.21
Radial/Vertical	210.96
Bi-Radial Split	12.83

Materials

Material	Area (m ²)	Panels
yellow	33.78	111,113,115,117,119 1111,1113,1115,1117,1119 1117,1119,1111,1113,218 216,214,212,210,208 206,204,202,200,198 311,313,315,317,319 114,118,112,116,120 112,215,211,209,207 314,316
pink	12.89	114,118,112,116,120 112,215,211,209,207 314,316
blue	19.66	112,116,110,114,118 116,110,114,217,213 213,217,316,312,310 316

