

Spinnaker: 8000217 Richard-1 Custom 63 cat Sym spin V2.des

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000217 Richard C

Initial Design Date: 30/3/2024
Boat:
Custom 63 cat S2
Client:

Comments:

Design Data
=====

Spinnaker

Measurements

Leech length (SLE): 21.946m
Foot length (SFL): 13.411m
Headboard Width: 0.021m
Maximum width (33.5%): 14.072m
Three-quarter width: 8.232m
Half width (SHW): 13.411m
Quarter width: 14.004m
Foot median: 23.680m
ORC Spinnaker Area: 245.259m?
IRC Spinnaker Area: 244.278m?
Surface Area: 259.090m?
Hoist height: 19.050m
Pole Length: 6.840m

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% [0.519m])

100% (11.554m) : 0.000m
65% (7.508m) : -2.821m
91% (10.571m) : -1.408m
58% (6.725m) : -2.079m
66% (7.643m) : -0.408m
82% (9.422m) : 0.704m
60% (6.886m) : 0.652m
46% (5.294m) : 1.903m
30% (3.464m) : 1.519m
16% (1.813m) : 0.761m
0% (0.000m) : 0.000m

Before BSeam

0.000m
2.953m
4.302m
4.637m
4.531m
4.122m
3.496m
2.705m
1.817m
0.904m
0.000m

Spinnaker: 8000217 Richard-1 Custom 63 cat Sym spin V2.des

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
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	40.94
Radial/Vertical	540.66
Bi-Radial Split	23.90

Materials

Material	Area (m ²)	Panels
Material 1	271.40	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\14,1\15 1\16,1\17,1\18,1\19,1\20 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\14,1b\15 1b\16,1b\17,1b\18,1b\19,1b\20 2\1,2\2,2\3,2\4,2\5 2\6,2\7,2\8,2\9,2\10 2b\10,2b\9,2b\8,2b\7,2b\6 2b\5,2b\4,2b\3,2b\2,2b\1 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3\9,3b\9 3b\8,3b\7,3b\6,3b\5,3b\4 3b\3,3b\2,3b\1,4\1,4\2 4\3,4\4,4\5,4\6,4\7 4\8,4b\8,4b\7,4b\6,4b\5 4b\4,4b\3,4b\2,4b\1

