

# Spinnaker: 8001031 Jonathan Davidson 28 sym spi V1.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001031 Jonathan

Initial Design Date: 6/11/2024  
Boat:  
Davidson 28  
Client:

Comments:

Design Data  
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## Spinnaker

### Measurements

Leech length (SLE): 10.600m  
Foot length (SFL): 6.484m  
Headboard Width: 0.005m  
Maximum width (26.2%): 6.767m  
Three-quarter width: 3.900m  
Half width (SHW): 6.280m  
Quarter width: 6.768m  
Foot median: 11.710m  
ORC Spinnaker Area: 55.834m?  
IRC Spinnaker Area: 55.611m?  
Surface Area: 60.426m?  
Hoist height: 10.668m  
Pole Length: 3.505m

### Luff Curve

15.500m, 0.000m  
11.625m, 0.000m  
7.750m, 0.000m  
3.875m, 0.000m  
0.000m, 0.000m

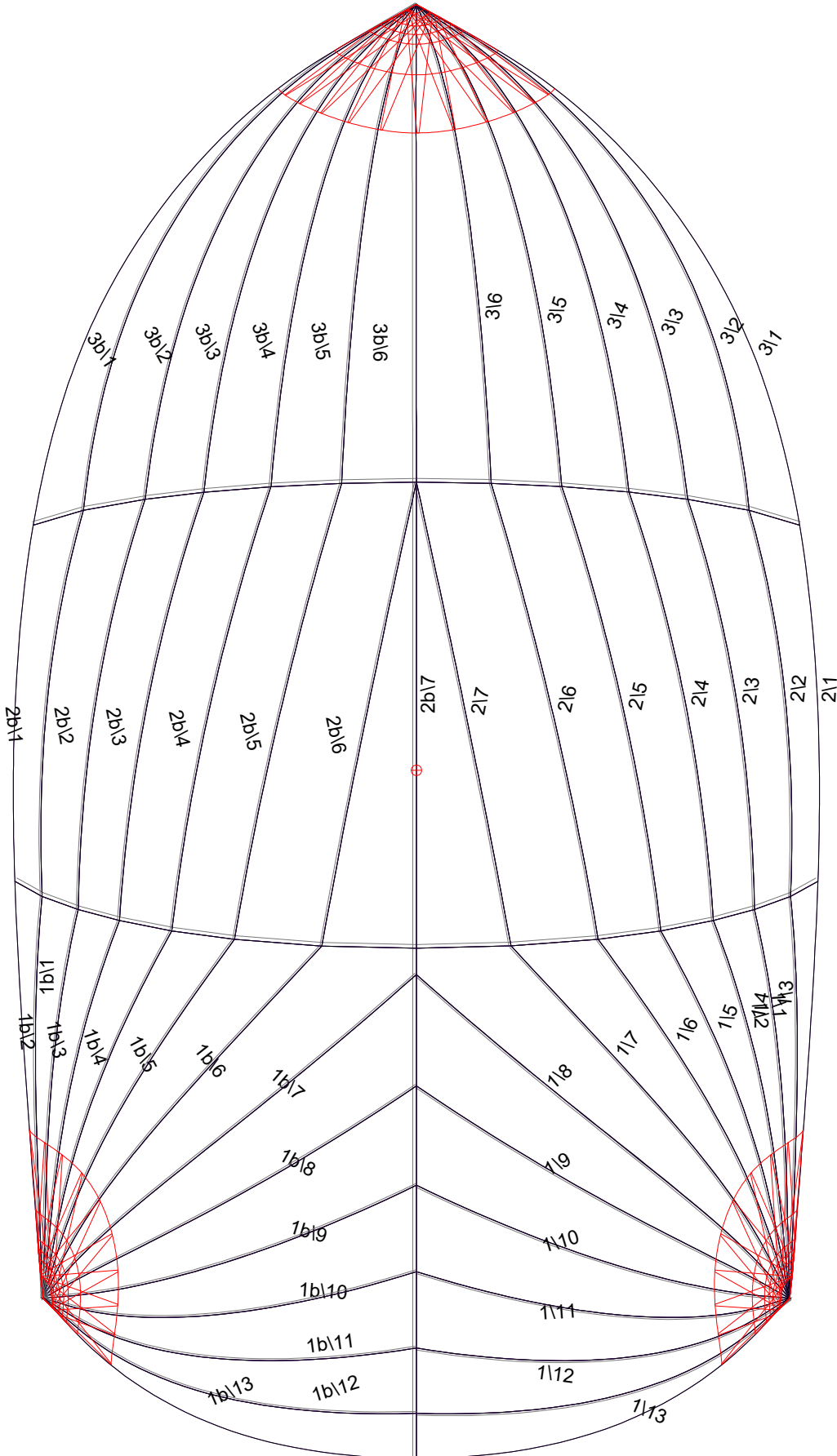
### Fanned Luff (@ 5.00% [0.254m])

100% (9.710m) : 0.000m  
83% (8.082m) : -1.148m  
62% (6.002m) : -1.901m  
46% (4.421m) : -1.020m  
57% (5.573m) : -0.683m  
44% (4.246m) : -1.254m  
32% (3.138m) : -0.583m  
28% (2.687m) : 0.272m  
18% (1.786m) : 0.356m  
10% (0.936m) : 0.175m  
0% (0.000m) : 0.000m

### Before BSeam

0.000m  
1.898m  
2.271m  
2.349m  
2.265m  
2.059m  
1.760m  
1.388m  
0.963m  
0.500m  
0.000m

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## Seam Allowances

	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

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	12.88
Radial/Vertical	173.74
Bi-Radial Split	11.82

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	60.38	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