

# Spinnaker: 7000926 Mike Frers 33 sym spinnaker.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000926 Mike\7000

Initial Design Date: 6/10/2023  
Boat:

Comments:

Client:

Design Data  
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## Spinnaker

### Measurements

Leech length (SLE): 14.021m  
 Foot length (SFL): 7.516m  
 Headboard Width: 0.005m  
 Maximum width (40.1%): 8.388m  
 Three-quarter width: 5.210m  
 Half width (SHW): 8.241m  
 Quarter width: 8.175m  
 Foot median: 15.603m  
 ORC Spinnaker Area: 94.596m?  
 IRC Spinnaker Area: 94.218m?  
 Surface Area: 100.309m?  
 Hoist height: 13.716m  
 Pole Length: 4.063m

### 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% [0.308m])

100% (10.543m) : 0.000m  
 58% (6.126m) : -0.072m  
 76% (7.963m) : 1.288m  
 60% (6.314m) : -0.583m  
 37% (3.899m) : -0.859m  
 42% (4.422m) : 0.047m  
 37% (3.873m) : 0.898m  
 28% (3.001m) : 1.779m  
 18% (1.885m) : 1.411m  
 9% (0.997m) : 0.723m  
 0% (0.000m) : 0.000m

### Before BSeam

-0.000m  
 2.641m  
 3.141m  
 3.299m  
 3.151m  
 2.803m  
 2.337m  
 1.795m  
 1.217m  
 0.622m  
 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
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	24.83
Radial/Vertical	243.41
Bi-Radial Split	15.87

## Materials

Material	Area (m <sup>2</sup> )	Panels
white	59.58	1\3,1\4,1\5,1\7,1\8 1\9,1\10,1b\3,1b\4,1b\5 1b\7,1b\8,1b\9,1b\10,2\3 2\4,2\5,2\7,2\8,2b\8 2b\7,2b\5,2b\4,2b\3,3\3 3\4,3\5,3\7,3b\7,3b\5 3b\4,3b\3,4\3,4\4,4\5 4b\5,4b\4,4b\3
black	25.86	1\1,1\2,1\11,1\12,1\13 1\14,1\15,1b\1,1b\2,1b\11 1b\12,1b\13,1b\14,1b\15,2\1 2\2,2b\2,2b\1,3\1,3\2 3b\2,3b\1,4\1,4\2,4b\2 4b\1
red	14.89	1\6,1b\6,2\6,2b\6,3\6 3b\6,4\6,4b\6

