

# Spinnaker: 7000110 James-3 sym spinnaker.des

Design Info  
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Design File:  
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000110 Ja

Initial Design Date: 31/1/2023  
Boat:

Comments:  
do you have the height of spinnker pole from base  
point of mast?

Client:

Design Data  
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## Spinnaker

### Measurements

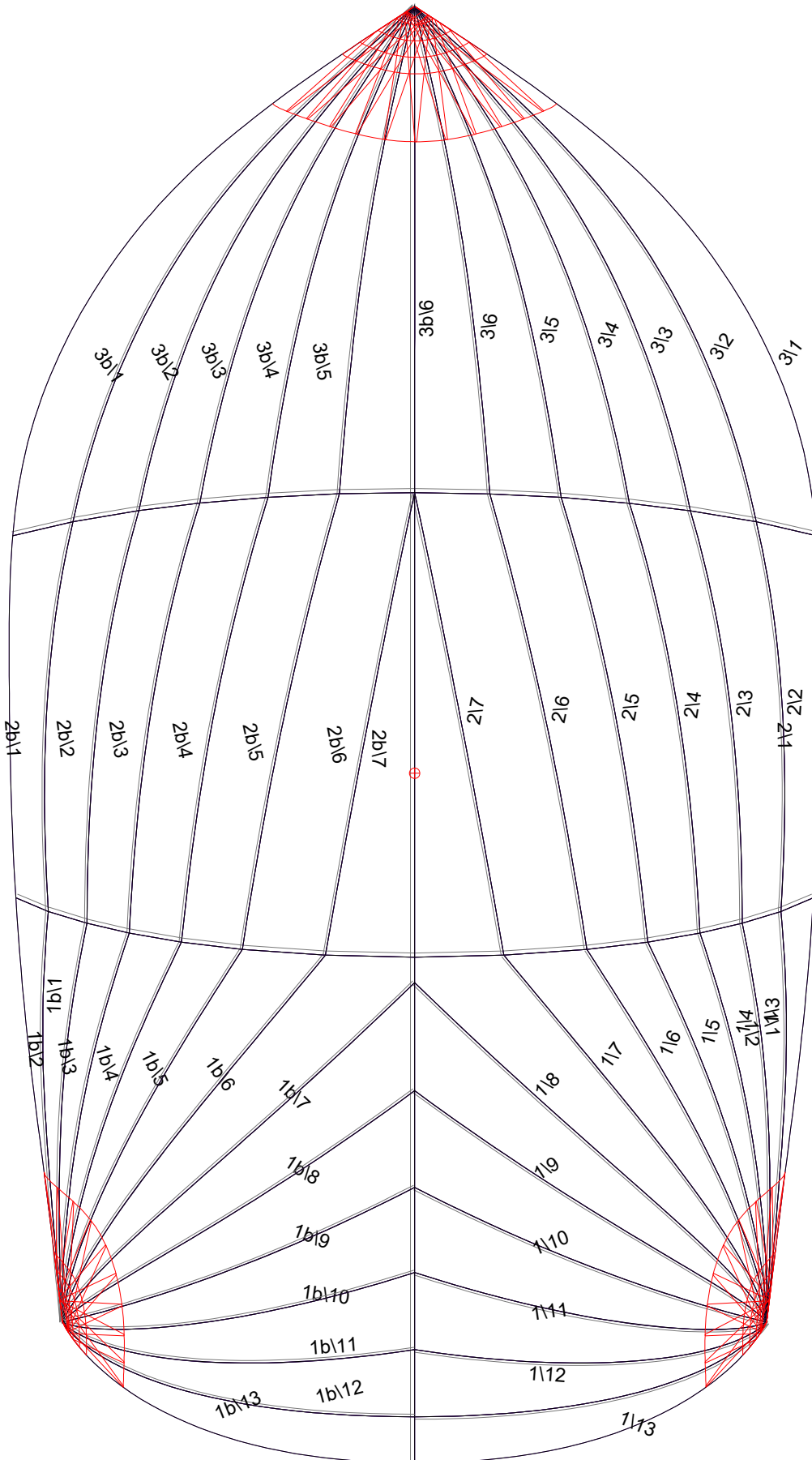
Leech length (SLE): 31.135Ft  
 Foot length (SFL): 17.717Ft  
 Headboard Width: 0.016Ft  
 Maximum width (36.3%): 18.462Ft  
 Three-quarter width: 11.507Ft  
 Half width (SHW): 18.129Ft  
 Quarter width: 18.379Ft  
 Foot median: 33.010Ft  
 ORC Spinnaker Area: 468.241Ft?  
 IRC Spinnaker Area: 466.368Ft?  
 Surface Area: 484.998Ft?  
 Hoist height: 30.184Ft  
 Pole Length: 9.843Ft

### Luff Curve

50.853Ft, 0.000Ft  
 38.140Ft, 0.000Ft  
 25.427Ft, 0.000Ft  
 12.713Ft, 0.000Ft  
 0.000Ft, 0.000Ft

Fanned Luff (@ 5.00% [0.694Ft])	Before BSeam
100% (14.505Ft) :	0.000Ft
60% (8.706Ft) :	1.996Ft
60% (8.761Ft) :	3.291Ft
55% (7.958Ft) :	6.659Ft
59% (8.517Ft) :	9.983Ft
48% (6.918Ft) :	5.527Ft
35% (5.084Ft) :	7.012Ft
16% (2.306Ft) :	7.599Ft
6% (0.920Ft) :	5.284Ft
3% (0.504Ft) :	2.757Ft
0% (0.000Ft) :	0.000Ft

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.082Ft	0.049Ft	0.082Ft
Zone: 1/b	0.082Ft	0.049Ft	0.082Ft
Zone: 2/a	0.082Ft	0.049Ft	0.082Ft
Zone: 2/b	0.082Ft	0.049Ft	0.082Ft
Zone: 3/a	0.082Ft	0.049Ft	0.082Ft
Zone: 3/b	0.082Ft	0.049Ft	0.082Ft

## Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

## Total Seam Lengths (Ft)

Horizontal	36.31
Radial/Vertical	490.65
Bi-Radial Split	33.43

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	484.67	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