

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\Passed to Production\7000110 J

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): 9.490m
Foot length (SFL): 5.400m
Headboard Width: 0.005m
Maximum width (36.3%): 5.627m
Three-quarter width: 3.507m
Half width (SHW): 5.526m
Quarter width: 5.602m
Foot median: 10.062m
ORC Spinnaker Area: 43.501m?
IRC Spinnaker Area: 43.327m?
Surface Area: 45.058m?
Hoist height: 9.200m
Pole Length: 3.000m

Luff Curve

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

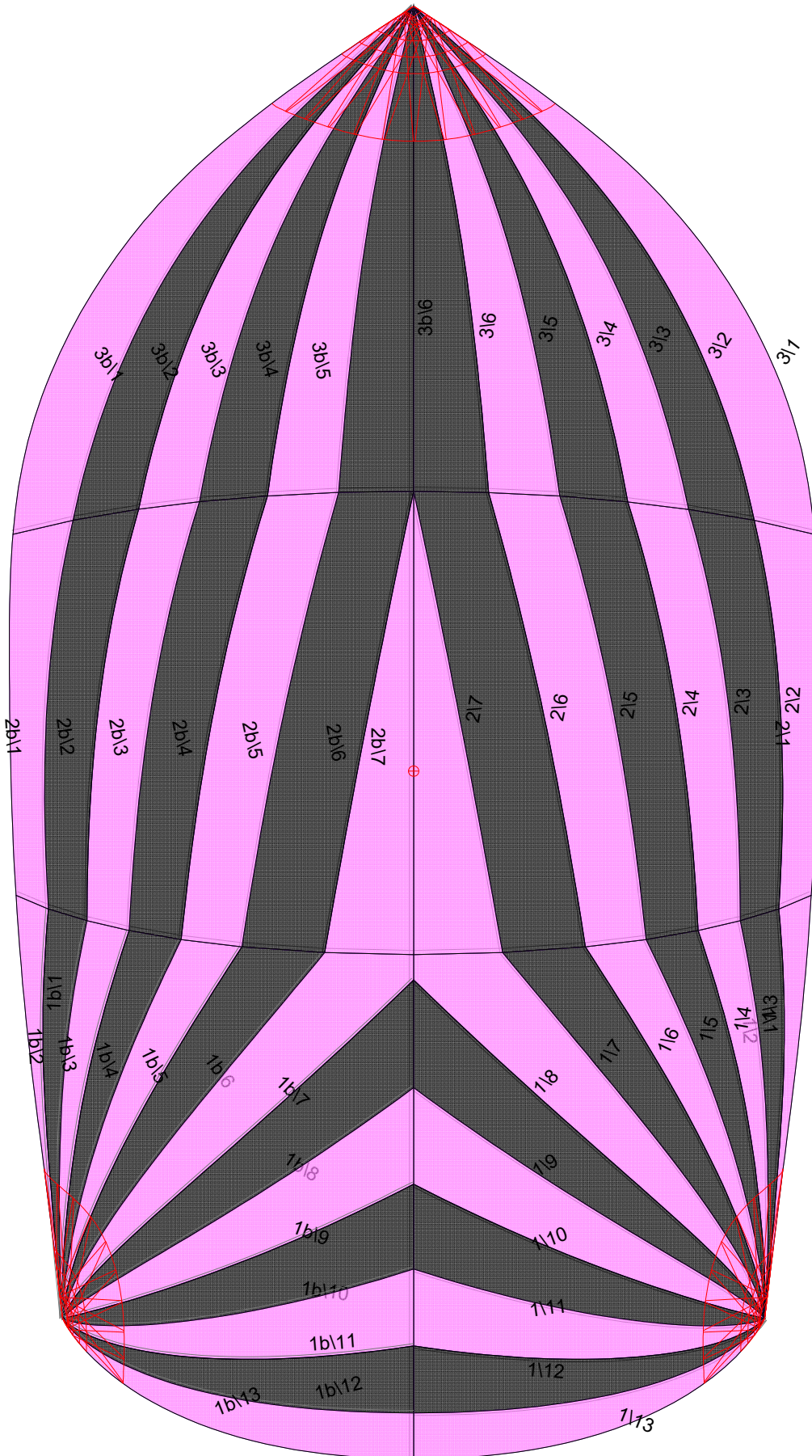
Fanned Luff (@ 5.00% [0.212m])

100% (4.421m) : 0.000m
60% (2.654m) : 0.608m
60% (2.670m) : 1.003m
55% (2.426m) : 2.030m
59% (2.596m) : 3.043m
48% (2.109m) : 1.684m
35% (1.549m) : 2.137m
16% (0.703m) : 2.316m
6% (0.280m) : 1.611m
3% (0.154m) : 0.840m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.814m
1.297m
1.532m
1.536m
1.382m
1.160m
0.898m
0.603m
0.293m
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	11.07
Radial/Vertical	149.55
Bi-Radial Split	10.19

Materials

Material	Area (m ²)	Panels
PINK	23.72	1\1, 1\3, 1\5, 1\7, 1\9 1\11, 1\13, 1b\1, 1b\3, 1b\5 1b\7, 1b\9, 1b\11, 1b\13, 2\1 2\3, 2\5, 2\7, 2b\7, 2b\5 2b\3, 2b\1, 3\1, 3\3, 3\5 3b\5, 3b\3, 3b\1
BLACK	21.30	1\2, 1\4, 1\6, 1\8, 1\10 1\12, 1b\2, 1b\4, 1b\6, 1b\8 1b\10, 1b\12, 2\2, 2\4, 2\6 2b\6, 2b\4, 2b\2, 3\2, 3\4 3\6, 3b\6, 3b\4, 3b\2