

Spinnaker: 8000610 Jordi Decision 7.5 sym spi V2.des

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000610 Jordi Dec

Initial Design Date: 24/6/2024
Boat:
Decision 7.5
Client:

Comments:

Design Data
=====

Spinnaker

Measurements

Leech length (SLE): 8.000m
Foot length (SFL): 4.500m
Headboard Width: 0.020m
Maximum width (31.6%): 5.125m
Three-quarter width: 2.892m
Half width (SHW): 4.744m
Quarter width: 5.094m
Foot median: 8.722m
ORC Spinnaker Area: 31.299m?
IRC Spinnaker Area: 31.174m?
Surface Area: 33.649m?
Hoist height: 9.000m
Pole Length: 2.500m

Luff Curve

5.744m, 0.000m
4.308m, 0.000m
2.872m, 0.000m
1.436m, 0.000m
0.000m, 0.000m

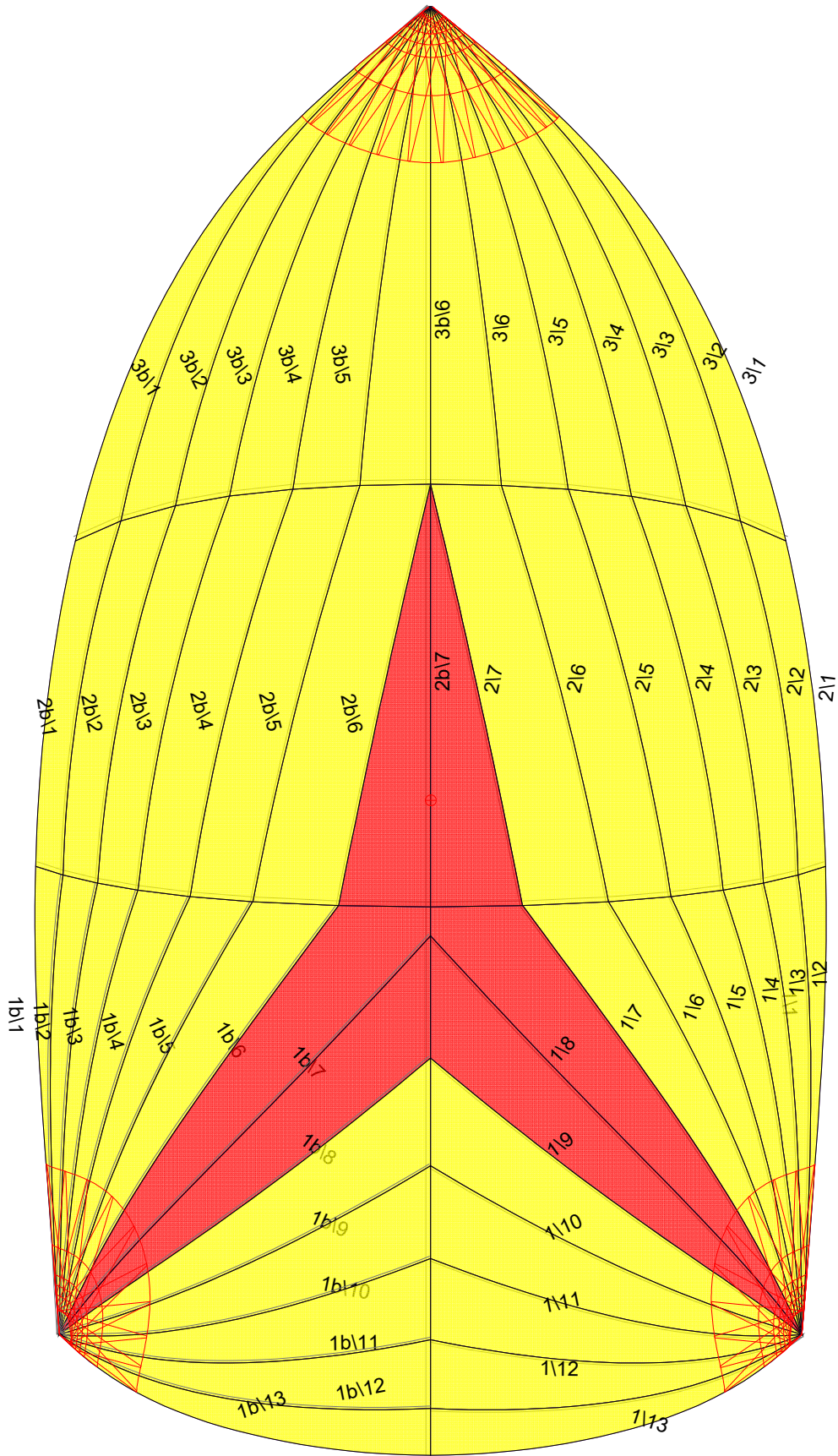
Fanned Luff (@ 5.00% [0.197m])

100% (6.489m) : 0.000m
87% (5.646m) : -0.918m
71% (4.614m) : -1.467m
55% (3.556m) : -1.593m
41% (2.637m) : -1.136m
47% (3.072m) : -0.569m
44% (2.825m) : 0.206m
32% (2.087m) : 0.370m
22% (1.422m) : 0.230m
11% (0.736m) : 0.101m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
0.669m
1.041m
1.248m
1.330m
1.303m
1.178m
0.967m
0.684m
0.353m
0.000m

Spinnaker: 8000610 Jordi Decision 7.5 sym spi 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

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	9.65
Radial/Vertical	128.89
Bi-Radial Split	8.84

Materials

Material	Area (m ²)	Panels
yellow	28.94	1\1, 1\2, 1\3, 1\4, 1\5 1\6, 1\9, 1\10, 1\11, 1\12 1\13, 1b\1, 1b\2, 1b\3, 1b\4 1b\5, 1b\6, 1b\9, 1b\10, 1b\11 1b\12, 1b\13, 2\1, 2\2, 2\3 2\4, 2\5, 2\6, 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
red	4.69	1\7, 1\8, 1b\7, 1b\8, 2\7 2b\7