

Spinnaker: 8000225 Glen Symmetrical Spinnaker.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000225 Glen Sym

Initial Design Date: 19/2/2024
Boat:

Comments:

Client:

Design Data
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Spinnaker

Measurements

Leech length (SLE): 11.936m
Foot length (SFL): 6.578m
Headboard Width: 0.015m
Maximum width (28.8%): 6.784m
Three-quarter width: 4.081m
Half width (SHW): 6.391m
Quarter width: 6.778m
Foot median: 12.802m
ORC Spinnaker Area: 63.937m?
IRC Spinnaker Area: 63.681m?
Surface Area: 67.393m?
Hoist height: 11.936m
Pole Length: 3.557m

Luff Curve

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

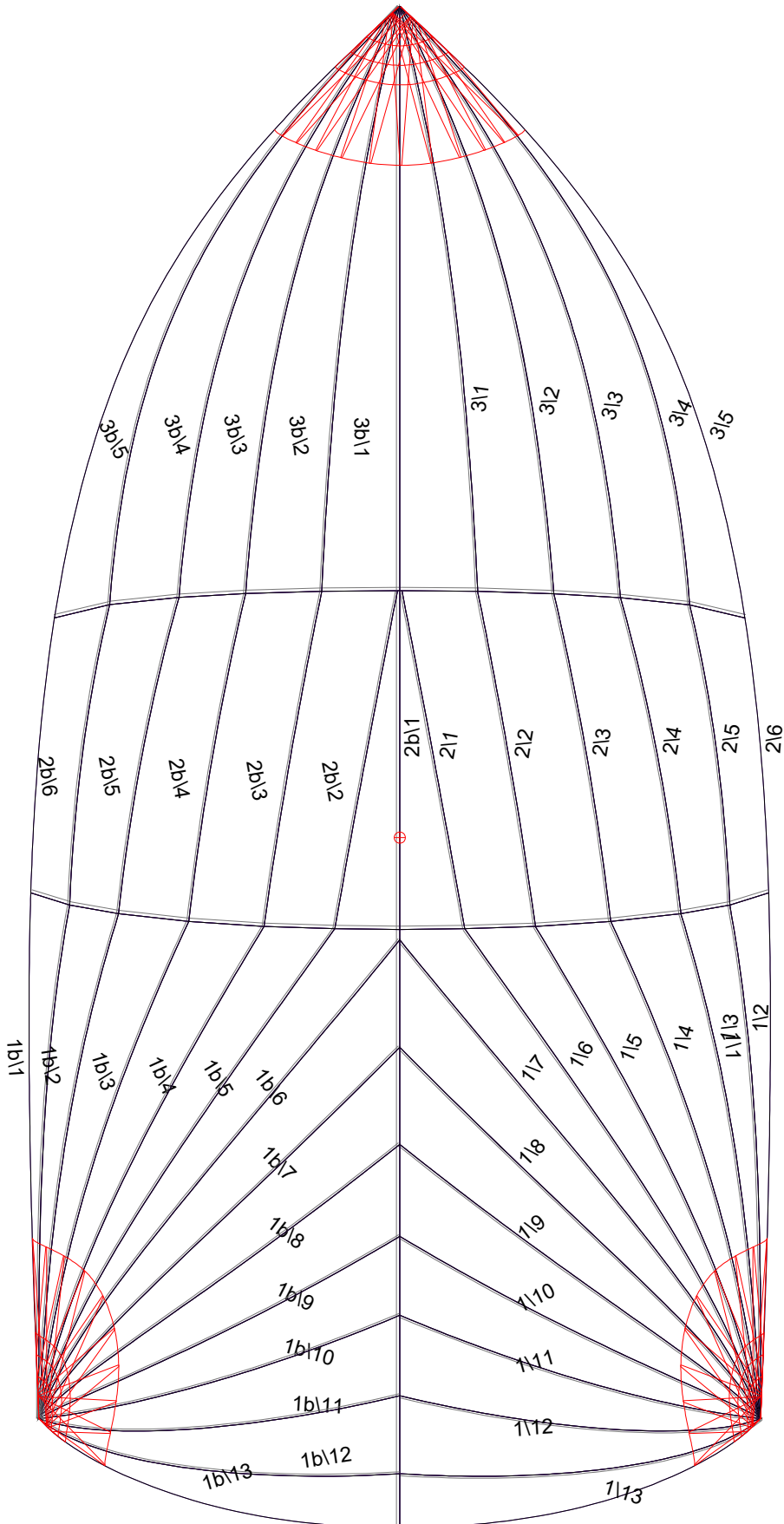
Fanned Luff (@ 5.00% [0.271m])

100% (6.756m) : -0.000m
77% (5.234m) : -0.921m
47% (3.208m) : -0.586m
61% (4.093m) : 0.391m
74% (5.031m) : 1.229m
52% (3.540m) : 0.615m
55% (3.693m) : 1.811m
38% (2.546m) : 1.921m
25% (1.679m) : 1.347m
13% (0.872m) : 0.687m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.897m
1.440m
1.700m
1.732m
1.611m
1.388m
1.091m
0.749m
0.383m
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	13.03
Radial/Vertical	175.21
Bi-Radial Split	12.98

Materials

Material	Area (m ²)	Panels
Material 1	67.33	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\6, 2\5, 2\4, 2\3 2\2, 2\1, 2b\1, 2b\2, 2b\3 2b\4, 2b\5, 2b\6, 3\5, 3\4 3\3, 3\2, 3\1, 3b\1, 3b\2 3b\3, 3b\4, 3b\5