

Spinnaker: 8000225 Glen Symmetrical Spinnaker-color 1.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]) | | Before BSeam |
|--------------------------------|---------|--------------|
| 100% (6.756m) : | -0.000m | 0.000m |
| 77% (5.234m) : | -0.921m | 0.897m |
| 47% (3.208m) : | -0.586m | 1.440m |
| 61% (4.093m) : | 0.391m | 1.700m |
| 74% (5.031m) : | 1.229m | 1.732m |
| 52% (3.540m) : | 0.615m | 1.611m |
| 55% (3.693m) : | 1.811m | 1.388m |
| 38% (2.546m) : | 1.921m | 1.091m |
| 25% (1.679m) : | 1.347m | 0.749m |
| 13% (0.872m) : | 0.687m | 0.383m |
| 0% (0.000m) : | 0.000m | 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 |
|--------------|------------------------|---|
| dark blue | 25.27 | 1\1,1\4,1\8,1\11,1\13 1b\1,1b\4,1b\8,1b\11,1b\13 2\6,2\3,2b\3,2b\6,3\5 3\2,3b\2,3b\5 |
| light blue | 17.91 | 1\3,1\6,1\9,1\12,1b\3 1b\6,1b\9,1b\12,2\4,2\1 2b\1,2b\4,3\3,3b\3 |
| fluor yellow | 24.15 | 1\2,1\5,1\7,1\10,1b\2 1b\5,1b\7,1b\10,2\5,2\2 2b\2,2b\5,3\4,3\1,3b\1 3b\4 |

