

Spinnaker: 8000815 Jesper Etchells 22 sy spiV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000815 Jesper E

Initial Design Date: 22/8/2024
Boat:
Etchells 22
Client:

Comments:

Design Data
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Spinnaker

Measurements

Leech length (SLE): 8.910m
Foot length (SFL): 4.460m
Headboard Width: 0.015m
Maximum width (34.5%): 4.722m
Three-quarter width: 3.068m
Half width (SHW): 4.584m
Quarter width: 4.706m
Foot median: 9.653m
ORC Spinnaker Area: 33.854m?
IRC Spinnaker Area: 33.719m?
Surface Area: 36.056m?
Hoist height: 8.410m
Pole Length: 2.440m

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% [0.181m])

100% (8.299m) : 0.000m
81% (6.758m) : -1.263m
62% (5.124m) : -2.023m
42% (3.522m) : -2.256m
25% (2.109m) : -1.509m
33% (2.718m) : -1.113m
31% (2.589m) : -0.442m
27% (2.277m) : 0.309m
18% (1.510m) : 0.369m
9% (0.786m) : 0.188m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
0.968m
1.302m
1.429m
1.398m
1.265m
1.071m
0.835m
0.574m
0.295m
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	9.20
Radial/Vertical	138.67
Bi-Radial Split	9.79

Materials

Material	Area (m ²)	Panels
Material 1	36.03	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

