

Spinnaker: 8000301 Lasse X-yachts 33 Sym spin.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000301 Lasse sp

Initial Design Date: 6/3/2024
Boat:
X-yachts 33
Client:

Comments:

Design Data
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Spinnaker

Measurements

Leech length (SLE): 11.200m
Foot length (SFL): 6.200m
Headboard Width: 0.015m
Maximum width (32.6%): 6.234m
Three-quarter width: 3.876m
Half width (SHW): 5.995m
Quarter width: 6.224m
Foot median: 12.121m
ORC Spinnaker Area: 56.333m?
IRC Spinnaker Area: 56.107m?
Surface Area: 59.473m?
Hoist height: 11.250m
Pole Length: 3.450m

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% [0.240m])

100% (9.412m) : 0.000m
91% (8.547m) : -0.887m
70% (6.630m) : -2.014m
50% (4.726m) : -2.438m
32% (2.979m) : -1.687m
40% (3.721m) : -1.124m
37% (3.461m) : -0.286m
31% (2.874m) : 0.586m
20% (1.894m) : 0.550m
11% (0.993m) : 0.267m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.991m
1.539m
1.742m
1.721m
1.556m
1.302m
0.991m
0.659m
0.331m
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	12.14
Radial/Vertical	178.56
Bi-Radial Split	12.25

Materials

Material	Area (m ²)	Panels
Material 1	59.42	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

