

Asymmetric: 8001034-2 Sondre Grinde27 codezero.des

Design Info

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Initial Design Date: 8/11/2024
Boat:
Grinde27 codezero
Client:

Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001034 Sondre G

Comments:

Design Data

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Asymmetric

Measurements

Luff length (SLU): 11.760m
Leech length (SLE): 10.627m
Foot length (SFL): 7.335m
Headboard Width: 0.015m
Three-quarter width: 2.441m
Half width (SHW): 4.499m
Quarter width: 6.073m
ORC Area: 47.256m?
IRC Area: 47.067m?
Surface Area: 45.802m?
Hoist height: 11.400m
J: 4.600m

Closest Pt: 2.102m
Closest Pt: 4.011m
Closest Pt: 5.579m

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% [0.352m])

100% (11.751m) : 0.000m
89% (10.515m) : -0.068m
79% (9.297m) : -0.135m
69% (8.103m) : -0.187m
59% (6.922m) : -0.210m
49% (5.752m) : -0.204m
39% (4.591m) : -0.186m
29% (3.437m) : -0.154m
19% (2.287m) : -0.111m
10% (1.142m) : -0.057m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.116m
0.228m
0.323m
0.382m
0.400m
0.378m
0.318m
0.242m
0.138m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.014m	0.025m
Zone: 1/b	0.025m	0.014m	0.025m
Zone: 2/a	0.025m	0.014m	0.025m
Zone: 2/b	0.025m	0.014m	0.025m
Zone: 3/a	0.025m	0.014m	0.025m
Zone: 3/b	0.025m	0.014m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	9.53
Radial/Vertical	142.76
Bi-Radial Split	11.20

Materials

Material	Area (m ²)	Panels
Material 1	33.63	1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 1b\11,1b\12,2\1,2\2,2\3 2\4,2\5,2b\1,2b\2,2b\3 2b\4,2b\5,3\1,3\2,3\3 3\4,3b\1,3b\2,3b\3,3b\4
Material 2	12.26	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12

