

Asymmetric: 8001033 Age Grinde27 codezeroV1.des

Design Info =====

Initial Design Date: 6/11/2024
Boat:
Grinde27 codezero
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001033 Age Grinde27

Comments:

Design Data =====

Asymmetric

Measurements

Luff length (SLU): 11.760m
Leech length (SLE): 10.678m
Foot length (SFL): 7.335m
Headboard Width: 0.015m
Three-quarter width: 2.441m
Half width (SHW): 4.500m
Quarter width: 6.074m
ORC Area: 47.372m?
IRC Area: 47.183m?
Surface Area: 45.959m?
Hoist height: 11.400m
J: 4.500m

Closest Pt: 2.110m
Closest Pt: 4.025m
Closest Pt: 5.596m

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% (10.516m) : -0.067m
79% (9.298m) : -0.134m
69% (8.104m) : -0.186m
59% (6.924m) : -0.209m
49% (5.753m) : -0.203m
39% (4.592m) : -0.184m
29% (3.438m) : -0.153m
19% (2.288m) : -0.110m
10% (1.143m) : -0.057m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.116m
0.229m
0.324m
0.382m
0.401m
0.379m
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	9.54
Radial/Vertical	142.98
Bi-Radial Split	11.23

Materials

Material	Area (m ²)	Panels
Material 1	33.75	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	12.29	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12

