

Asymmetric: 7001228 JP FarEast 28R A5 V1.des

Design Info
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Initial Design Date: 4/1/2024
Boat:
FarEast 28R /A5
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001228 JP\7001228

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU): 12.870m
Leech length (SLE): 11.687m
Foot length (SFL): 6.600m
Headboard Width: 0.010m
Three-quarter width: 3.101m
Half width (SHW): 5.357m
Quarter width: 6.281m
ORC Area: 57.359m?
IRC Area: 57.129m?
Surface Area: 59.129m?
Hoist height: 11.810m
J: 5.050m

Closest Pt: 2.788m
Closest Pt: 5.029m
Closest Pt: 6.187m

Luff Curve

10.349m, 0.000m
7.762m, 0.000m
5.175m, 0.000m
2.587m, 0.000m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.289m])

100% (12.806m) : 0.000m
88% (11.276m) : -0.130m
77% (9.809m) : -0.255m
66% (8.428m) : -0.367m
56% (7.147m) : -0.459m
46% (5.932m) : -0.525m
37% (4.746m) : -0.551m
28% (3.569m) : -0.526m
19% (2.389m) : -0.425m
9% (1.199m) : -0.236m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.402m
0.756m
0.999m
1.090m
1.065m
0.948m
0.757m
0.521m
0.270m
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
Zone: 4	0.025m	0.015m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	16.73
Radial/Vertical	181.93
Bi-Radial Split	8.63

Materials

Material	Area (m ²)	Panels
Material 1	58.87	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\1,4\1,4\2,4\3 4\4,4\5,4\6,4\7,4\8 4\9,4\10

