

Asymmetric: 8000915 Bert Classe Mini 6.50 CodezeroV1.des

Design Info

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Initial Design Date: 25/9/2024
Boat:
Classe Mini 6.50
Client:

Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000915 Bert Clas

Comments:

Design Data

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Asymmetric

Measurements

Luff length (SLU): 10.180m
Leech length (SLE): 8.300m
Foot length (SFL): 6.300m
Headboard Width: 0.015m
Three-quarter width: 1.592m
Half width (SHW): 3.247m
Quarter width: 4.833m
ORC Area: 29.703m?
IRC Area: 29.584m?
Surface Area: 28.175m?
Hoist height: 10.140m
J: 5.510m

Closest Pt: 1.289m
Closest Pt: 2.664m
Closest Pt: 4.018m

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% [0.303m])

100% (10.169m) : 0.000m
90% (9.151m) : -0.078m
80% (8.134m) : -0.145m
70% (7.117m) : -0.190m
60% (6.101m) : -0.211m
50% (5.084m) : -0.207m
40% (4.068m) : -0.190m
30% (3.051m) : -0.159m
20% (2.034m) : -0.116m
10% (1.017m) : -0.061m
0% (0.000m) : 0.000m

Before BSeam

0.000m
0.021m
0.048m
0.087m
0.122m
0.143m
0.148m
0.139m
0.118m
0.070m
0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.032m	0.016m	0.040m
Zone: 1/b	0.032m	0.016m	0.040m
Zone: 2/a	0.032m	0.016m	0.040m
Zone: 2/b	0.032m	0.016m	0.040m
Zone: 3	0.032m	0.016m	0.040m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	6.87
Radial/Vertical	114.15
Bi-Radial Split	5.98

Materials

Material	Area (m²)	Panels
Material 1	28.24	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\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\4,3\5,3\6

