

Asymmetric: 8000909 Franck Bavaria 41 cruiserA2 spinnaker.des

Design Info
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Initial Design Date: 10/9/2024
Boat:
Bavaria 41 Cruiser
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000909 Franck B

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	15.560m	
Leech length (SLE):	14.320m	
Foot length (SFL):	7.600m	
Headboard Width:	0.020m	
Three-quarter width:	5.142m	Closest Pt: 4.543m
Half width (SHW):	8.295m	Closest Pt: 7.902m
Quarter width:	8.660m	Closest Pt: 8.909m
ORC Area:	101.538m?	
IRC Area:	101.132m?	
Surface Area:	103.486m?	
Hoist height:	15.830m	
J:	4.520m	

Luff Curve

		Fanned Luff (@ 5.00% [0.322m])	Before BSeam
15.500m,	0.000m	100% (15.546m) :	0.000m
11.625m,	0.000m	82% (12.807m) :	1.635m
7.750m,	0.000m	70% (10.870m) :	2.284m
3.875m,	0.000m	60% (9.302m) :	2.609m
0.000m,	0.000m	51% (7.894m) :	2.674m
		42% (6.559m) :	2.532m
		34% (5.253m) :	2.229m
		25% (3.955m) :	1.792m
		17% (2.649m) :	1.246m
		9% (1.329m) :	0.635m
		0% (0.000m) :	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	24.42
Radial/Vertical	285.65
Bi-Radial Split	11.01

Materials

Material	Area (m ²)	Panels
Material 1	51.54	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\13,1b\14,1b\15 1b\16,1b\17,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 3b\1,3b\2,3b\3,3b\4,3b\5 3b\6,3b\7,3b\8,3b\9,4\1 4\2,4\3,4\4,4\5,4\6
Material 2	52.01	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\13,1\14,1\15 2b\1,2b\2,2b\3,2b\4,2b\5 2b\6,2b\7,2b\8,2b\9,2b\10 3\1,3\2,3\3,3\4,3\5 3\6,3\7,4\7,4\8,4\9 4\10,4\11,4\12,4\13,4\14

