

Asymmetric: 8000602 Rene Contest 46 A2 Asy spi.des

Design Info
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Initial Design Date: 5/6/2024
Boat:
Contest 46
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000602 Rene Co

Comments:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	18.100m	
Leech length (SLE):	15.973m	
Foot length (SFL):	10.800m	
Headboard Width:	0.025m	
Three-quarter width:	7.103m	Closest Pt: 4.813m
Half width (SHW):	12.212m	Closest Pt: 10.320m
Quarter width:	12.877m	Closest Pt: 13.401m
ORC Area:	169.370m?	
IRC Area:	168.692m?	
Surface Area:	180.368m?	
Hoist height:	16.900m	
J:	6.000m	

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% [0.468m])

100% (18.098m) :	0.000m	0.000m
85% (15.372m) :	-0.001m	-2.846m
73% (13.142m) :	-0.042m	-5.354m
62% (11.244m) :	-0.086m	-7.600m
53% (9.530m) :	-0.111m	-5.934m
44% (7.907m) :	-0.118m	-4.288m
35% (6.328m) :	-0.111m	-3.035m
26% (4.761m) :	-0.092m	-2.048m
18% (3.188m) :	-0.062m	-1.255m
9% (1.602m) :	-0.025m	-0.588m
0% (0.000m) :	0.000m	-0.000m

Before BSeam

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.040m	0.014m	0.040m
Zone: 1/b	0.040m	0.014m	0.040m
Zone: 2	0.040m	0.014m	0.040m
Zone: 3	0.040m	0.014m	0.040m
Zone: 4	0.040m	0.014m	0.040m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	36.45
Radial/Vertical	388.69
Bi-Radial Split	6.43

Materials

Material	Area (m ²)	Panels
Material 1	180.29	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1\13,1\14,1\15 1\16,1\17,1\18,1b\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 1b\18,2\1,2\2,2\3,2\4 2\5,2\6,2\7,2\8,2\9 2\10,2\11,2\12,2\13,2\14 2\15,2\16,2\17,2\18,3\1 3\2,3\3,3\4,3\5,3\6 3\7,3\8,3\9,3\10,3\11 3\12,3\13,3\14,3\15,3\16 4\1,4\2,4\3,4\4,4\5 4\6,4\7,4\8,4\9,4\10 4\11,4\12,4\13,4\14

