

Asymmetric: 7000811 Chris -2 Asy spinnaker.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed Order\7000811 Chr

Initial Design Date: 6/9/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	14.100m	
Leech length (SLE):	11.950m	
Foot length (SFL):	8.960m	
Headboard Width:	0.010m	
Three-quarter width:	4.631m	Closest Pt: 3.313m
Half width (SHW):	8.027m	Closest Pt: 6.881m
Quarter width:	9.094m	Closest Pt: 10.512m
ORC Area:	89.154m?	
IRC Area:	88.797m?	
Surface Area:	91.568m?	
Hoist height:	12.400m	
J:	5.600m	

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% [0.380m])

100% (13.976m) :	0.000m	-0.000m
82% (11.434m) :	-0.307m	0.372m
68% (9.493m) :	-0.606m	1.703m
57% (8.016m) :	-0.785m	1.969m
48% (6.754m) :	-0.859m	2.033m
40% (5.581m) :	-0.852m	1.940m
32% (4.448m) :	-0.761m	1.714m
24% (3.333m) :	-0.605m	1.374m
16% (2.222m) :	-0.415m	0.951m
8% (1.112m) :	-0.212m	0.482m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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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	26.13
Radial/Vertical	256.43
Bi-Radial Split	8.46

Materials

Material	Area (m ²)	Panels
Material 1	91.86	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\16,1b\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\16,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9,2b\9,2b\8,2b\7,2b\6 2b\5,2b\4,2b\3,2b\2,2b\1 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3b\8,3b\7 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\10,4\11,4\12

