

# Asymmetric: 7000811 Chris -1 Code zero.des

Design Info  
=====

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

Initial Design Date: 6/9/2023  
Boat:  
  
Client:

Comments:

Design Data  
=====

## Asymmetric

### Measurements

Luff length (SLU):	13.000m	
Leech length (SLE):	11.142m	
Foot length (SFL):	8.960m	
Headboard Width:	0.010m	
Three-quarter width:	3.082m	Closest Pt: 2.423m
Half width (SHW):	5.629m	Closest Pt: 4.634m
Quarter width:	7.501m	Closest Pt: 6.420m
ORC Area:	63.323m?	
IRC Area:	63.070m?	
Surface Area:	58.780m?	
Hoist height:	12.400m	
J:	5.600m	

### Luff Curve

		Fanned Luff (@ 5.00% [0.429m])	Before BSeam
15.500m,	0.000m	100% (12.972m) :	0.000m -0.000m
11.625m,	0.000m	90% (11.674m) :	-0.137m 0.051m
7.750m,	0.000m	80% (10.376m) :	-0.255m 0.118m
3.875m,	0.000m	70% (9.079m) :	-0.336m 0.203m
0.000m,	0.000m	60% (7.782m) :	-0.372m 0.266m
		50% (6.486m) :	-0.366m 0.295m
		40% (5.189m) :	-0.334m 0.289m
		30% (3.892m) :	-0.280m 0.248m
		20% (2.595m) :	-0.205m 0.196m
		10% (1.298m) :	-0.108m 0.118m
		0% (0.000m) :	0.000m 0.000m

# Asymmetric: 7000811 Chris -1 Code zero.des

Seam Allowances			
	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	0.025m
Zone: 1/b	0.025m	0.016m	0.025m
Zone: 2/a	0.025m	0.016m	0.025m
Zone: 2/b	0.025m	0.016m	0.025m
Zone: 3/a	0.025m	0.016m	0.025m
Zone: 3/b	0.025m	0.016m	0.025m

Edge Excesses			
	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

### Total Seam Lengths (m)

Horizontal	11.38
Radial/Vertical	178.28
Bi-Radial Split	11.86

### Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	28.81	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\5,2\6,3b\5,3b\4 3b\3,3b\2,3b\1
Material 2	29.18	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,2b\6,2b\5,2b\4 2b\3,2b\2,2b\1,3\1,3\2 3\3,3\4
Material 3	0.89	3\5

