

# Asymmetric: 7000921 Jens X-43 Cable-less Code 0 V2.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000921 Jens\7000

Initial Design Date: 4/10/2023  
Boat:

Comments:

Client:

Design Data  
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## Asymmetric

### Measurements

Luff length (SLU):	17.550m	
Leech length (SLE):	15.723m	
Foot length (SFL):	8.432m	
Headboard Width:	0.010m	
Three-quarter width:	2.849m	Closest Pt: 2.530m
Half width (SHW):	5.207m	Closest Pt: 4.726m
Quarter width:	6.994m	Closest Pt: 6.461m
ORC Area:	81.131m?	
IRC Area:	80.806m?	
Surface Area:	79.220m?	
Hoist height:	17.800m	
J:	4.960m	

### 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% [0.405m])

100% (17.527m) :	0.000m	0.000m
90% (15.697m) :	-0.130m	0.136m
79% (13.891m) :	-0.257m	0.274m
69% (12.114m) :	-0.353m	0.392m
59% (10.353m) :	-0.398m	0.462m
49% (8.607m) :	-0.392m	0.482m
39% (6.873m) :	-0.360m	0.454m
29% (5.147m) :	-0.307m	0.381m
20% (3.427m) :	-0.221m	0.290m
10% (1.712m) :	-0.110m	0.165m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	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

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	10.63
Radial/Vertical	263.33
Bi-Radial Split	16.89

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	67.75	1\4, 1\5, 1\6, 1\7, 1\8 1\9, 1\10, 1\11, 1\12, 1\13 1\14, 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 2\4, 2\5, 2\6, 2\7, 2b\7 2b\6, 2b\5, 2b\4, 2b\3, 2b\2 2b\1, 3\4, 3\5, 3\6, 3b\6 3b\5, 3b\4, 3b\3, 3b\2, 3b\1 1\1, 1\2, 1\3, 2\1, 2\2 2\3, 3\1, 3\2, 3\3
Material 2	11.63	

