

# Asymmetric: 7000204 Patrick Jensen Cal40 code 0.des

Design Info  
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Design File:  
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000204 Pa

Initial Design Date: 17/2/2023  
Boat:

Comments:

Client:

Design Data  
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## Asymmetric

### Measurements

Luff length (SLU):	13.500m	
Leech length (SLE):	12.683m	
Foot length (SFL):	8.114m	
Headboard Width:	0.005m	
Three-quarter width:	3.551m	Closest Pt: 2.992m
Half width (SHW):	6.105m	Closest Pt: 5.600m
Quarter width:	7.410m	Closest Pt: 7.182m
ORC Area:	70.988m?	
IRC Area:	70.704m?	
Surface Area:	70.603m?	
Hoist height:	13.640m	
J:	5.002m	

### 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% [0.388m])

100% (13.499m) :	0.000m	0.000m
89% (11.971m) :	-0.002m	0.336m
78% (10.477m) :	-0.009m	0.651m
67% (9.067m) :	-0.034m	0.865m
57% (7.719m) :	-0.058m	0.942m
47% (6.400m) :	-0.064m	0.920m
38% (5.108m) :	-0.072m	0.806m
28% (3.826m) :	-0.072m	0.633m
19% (2.549m) :	-0.060m	0.442m
9% (1.274m) :	-0.034m	0.232m
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	12.50
Radial/Vertical	216.48
Bi-Radial Split	13.38

## Materials

Material	Area (m <sup>2</sup> )	Panels
Orange	18.02	1\1, 1\2, 1\13, 1\14, 1b\1 1b\2, 1b\13, 1b\14, 2\1, 2\2 2b\2, 2b\1, 3\1, 3\2, 3b\2 3b\1
yellow	33.88	1\3, 1\4, 1\5, 1\9, 1\10 1\11, 1\12, 1b\3, 1b\4, 1b\5 1b\9, 1b\10, 1b\11, 1b\12, 2\3 2\4, 2\5, 2b\5, 2b\4, 2b\3 3\3, 3\4, 3\5, 3b\5, 3b\4 3b\3
red	18.84	1\6, 1\7, 1\8, 1b\6, 1b\7 1b\8, 2\6, 2\7, 2b\7, 2b\6 3\6, 3b\6

