

# Asymmetric: 8001014 Christian Pogo 40 Asy spi.des

## Design Info =====

Initial Design Date: 18/10/2024  
Boat:  
Pogo 40  
Client:

Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001014 Christian

Comments:

## Design Data =====

### Asymmetric

#### Measurements

Luff length (SLU):	18.500m	
Leech length (SLE):	17.400m	
Foot length (SFL):	12.600m	
Headboard Width:	0.015m	
Three-quarter width:	6.906m	Closest Pt: 5.197m
Half width (SHW):	11.501m	Closest Pt: 10.172m
Quarter width:	13.133m	Closest Pt: 13.121m
ORC Area:	175.318m <sup>2</sup>	
IRC Area:	174.617m <sup>2</sup>	
Surface Area:	186.717m <sup>2</sup>	
Hoist height:	17.700m	
J:	7.190m	

#### 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% [0.566m])

100% (18.498m) :	0.000m	0.000m
86% (15.901m) :	0.016m	-0.191m
74% (13.757m) :	-0.028m	1.948m
64% (11.852m) :	-0.077m	2.696m
54% (10.063m) :	-0.104m	2.880m
45% (8.337m) :	-0.116m	2.819m
36% (6.647m) :	-0.115m	2.551m
27% (4.976m) :	-0.101m	2.105m
18% (3.314m) :	-0.073m	1.511m
9% (1.656m) :	-0.034m	0.797m
0% (0.000m) :	0.000m	0.000m

#### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.030m	0.016m	0.040m
Zone: 1/b	0.030m	0.016m	0.040m
Zone: 2/a	0.030m	0.016m	0.040m
Zone: 2/b	0.030m	0.016m	0.040m
Zone: 3/a	0.030m	0.016m	0.040m
Zone: 3/b	0.030m	0.016m	0.040m
Zone: 4	0.030m	0.016m	0.040m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	36.62
Radial/Vertical	414.42
Bi-Radial Split	12.24

## Materials

Material	Area (m <sup>2</sup> )	Panels
dark blue	126.68	1\1,1\2,1\3,1\4,1\5 1\6,1\12,1\13,1\14,1\15 1\16,1\17,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\12,1b\13 1b\14,1b\15,1b\16,1b\17,2\1 2\2,2\3,2\4,2\5,2\6 2b\5,2b\6,2b\7,2b\8,2b\9 2b\10,3\1,3\2,3\3,3\4 3\5,3\6,3b\4,3b\5,3b\6 3b\7,3b\8,3b\9,4\1,4\2 4\3,4\4,4\5,4\6,4\11 4\12,4\13,4\14,4\15,4\16
yellow	58.74	1\7,1\8,1\9,1\10,1\11 1b\7,1b\8,1b\9,1b\10,1b\11 2\7,2\8,2\9,2\10,2b\1 2b\2,2b\3,2b\4,3\7,3\8 3\9,3b\1,3b\2,3b\3,4\7 4\8,4\9,4\10

