

# Mainsail: 8000106 Pablo MacGregor26M Main.des

Design Info  
=====

Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000106 Pablo\8000106

Initial Design Date: 19/1/2024  
Boat:

Comments:

Client:

Design Data  
=====

## Main

### Measurements

Luff geodesic:	8.020m
Leech geodesic:	8.510m
Foot geodesic:	3.070m
Head geodesic:	0.105m
Upper width (MUW):	0.632m
Three-quarter width (MTW):	1.158m
Half width (MHW):	1.980m
Quarter width (MQW):	2.593m
Foot median:	8.243m
ORC Mainsail area:	14.676m?
Surface area:	15.171m?
Clew height:	0.079m
Mast rake:	0.000m

### Battens

Position	Length	Roach	Angle	Luff	Leech	Full
80.000%	0.750m	0.264m	71.071?	6.412m	6.776m	
60.000%	1.000m	0.321m	71.071?	4.808m	5.082m	
40.000%	1.000m	0.281m	71.071?	3.205m	3.388m	
20.000%	0.850m	0.162m	71.071?	1.602m	1.694m	

### Reefing Points

1, Luff: 1.080m ; Leech: 1.119m ; Offset: 0.000m ; Number Eyelets: 3

### Draft Stripes

1, Luff: 2.646m ; Leech: 2.679m ;  
2, Luff: 5.292m ; Leech: 5.478m ;

### Luff Slides

- 1, Position: 0.780m
- 2, Position: 1.480m
- 3, Position: 2.190m
- 4, Position: 2.740m
- 5, Position: 3.350m
- 6, Position: 4.010m
- 7, Position: 4.819m
- 8, Position: 5.404m
- 9, Position: 5.975m
- 10, Position: 6.879m
- 11, Position: 7.450m

### Luff Curve

		Fanned Luff (@ 5.00% [0.153m])	Before BSeam
8.020m,	0.000m	100% (8.020m) :	0.000m
7.020m,	-0.019m	90% (7.218m) :	0.034m
6.015m,	-0.032m	80% (6.416m) :	0.066m
5.007m,	-0.037m	70% (5.614m) :	0.089m
4.010m,	-0.038m	60% (4.812m) :	0.101m
2.988m,	-0.035m	50% (4.010m) :	0.101m
2.005m,	-0.028m	40% (3.208m) :	0.092m
0.999m,	-0.016m	30% (2.406m) :	0.074m
0.000m,	0.000m	20% (1.604m) :	0.050m
		10% (0.802m) :	0.024m
		0% (0.000m) :	0.000m

# Mainsail: 8000106 Pablo MacGregor26M Main.des

Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.025m

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

Total Seam Lengths (m)

Horizontal	14.26
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	15.15	1,2,3,4,5 6,7,8

