

Mainsail: 7000329 Peter furling mainsail.des

Design Info

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Initial Design Date: 4/4/2023

Boat:

Client:

Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000329 Peter\7000329 Peter

Comments:

Design Data

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Main

Measurements

Luff geodesic:	16.400m
Leech geodesic:	17.000m
Foot geodesic:	5.640m
Head geodesic:	0.030m
Upper width (MUW):	0.630m
Three-quarter width (MTW):	1.266m
Half width (MHW):	2.668m
Quarter width (MQW):	4.139m
Foot median:	16.508m
ORC Mainsail area:	44.686m?
Surface area:	44.306m?
Clew height:	0.379m
Mast rake:	0.000m

Luff Curve

16.400m,	0.000m
14.356m,	-0.021m
12.300m,	-0.036m
10.239m,	-0.043m
8.200m,	-0.045m
6.111m,	-0.041m
4.100m,	-0.033m
2.044m,	-0.019m
0.000m,	0.000m

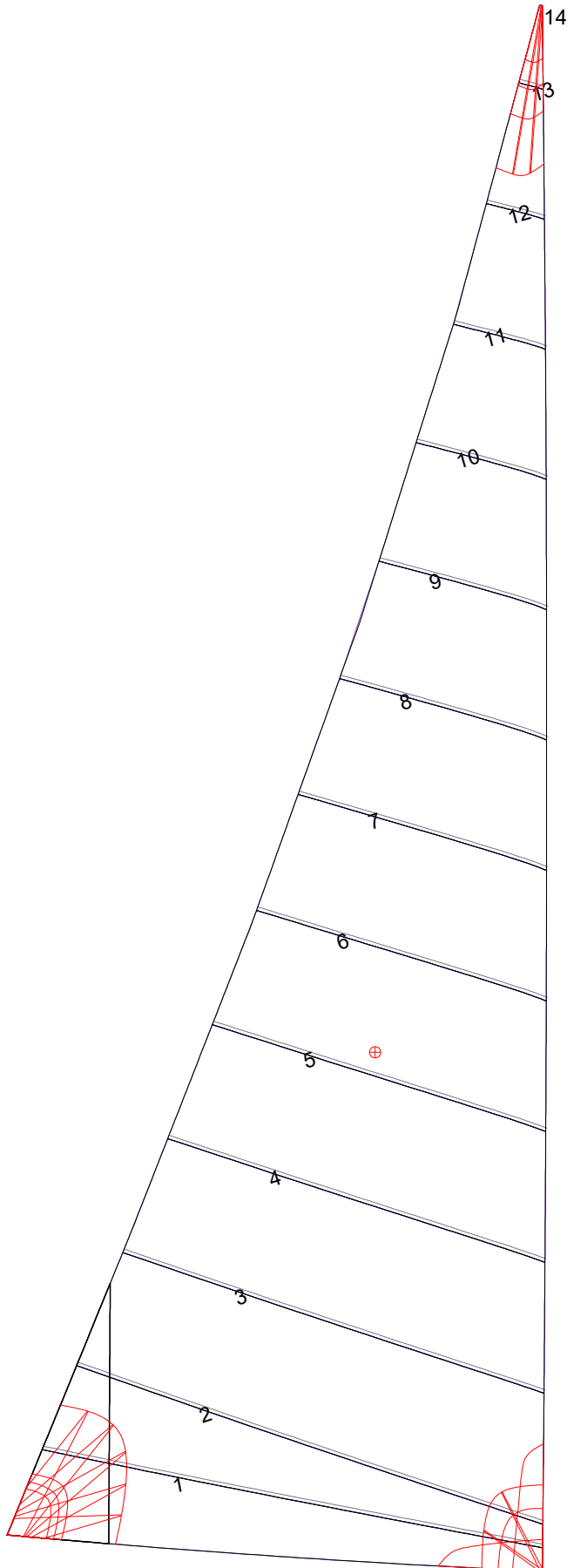
Fanned Luff (@ 5.00% [0.281m])

100% (16.400m) :	-0.000m
90% (14.760m) :	0.013m
80% (13.120m) :	0.024m
70% (11.480m) :	0.032m
60% (9.840m) :	0.035m
50% (8.200m) :	0.035m
40% (6.560m) :	0.032m
30% (4.920m) :	0.026m
20% (3.280m) :	0.019m
10% (1.640m) :	0.009m
0% (0.000m) :	0.000m

Before BSeam

0.000m
0.033m
0.066m
0.094m
0.114m
0.122m
0.118m
0.100m
0.073m
0.038m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.070m	0.070m
Cover 1	0.000m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	37.18
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	44.41	1,2,3,4,5 6,7,8,9,10 11,12,13,14