

# Mainsail: 7000108 Allen-1 B351 RFMN.des

## Design Info

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Initial Design Date: 4/3/2023  
Boat:

Client:

## Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000108 Allen\7000108 Allen

Comments:

## Design Data

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### Main

#### Measurements

Luff geodesic:	11.228m
Leech geodesic:	11.720m
Foot geodesic:	4.216m
Head geodesic:	0.034m
Upper width (MUW):	0.485m
Three-quarter width (MTW):	0.964m
Half width (MHW):	2.015m
Quarter width (MQW):	3.112m
Foot median:	11.326m
ORC Mainsail area:	23.044m?
Surface area:	22.876m?
Clew height:	0.300m
Mast rake:	0.000m

#### Luff Curve

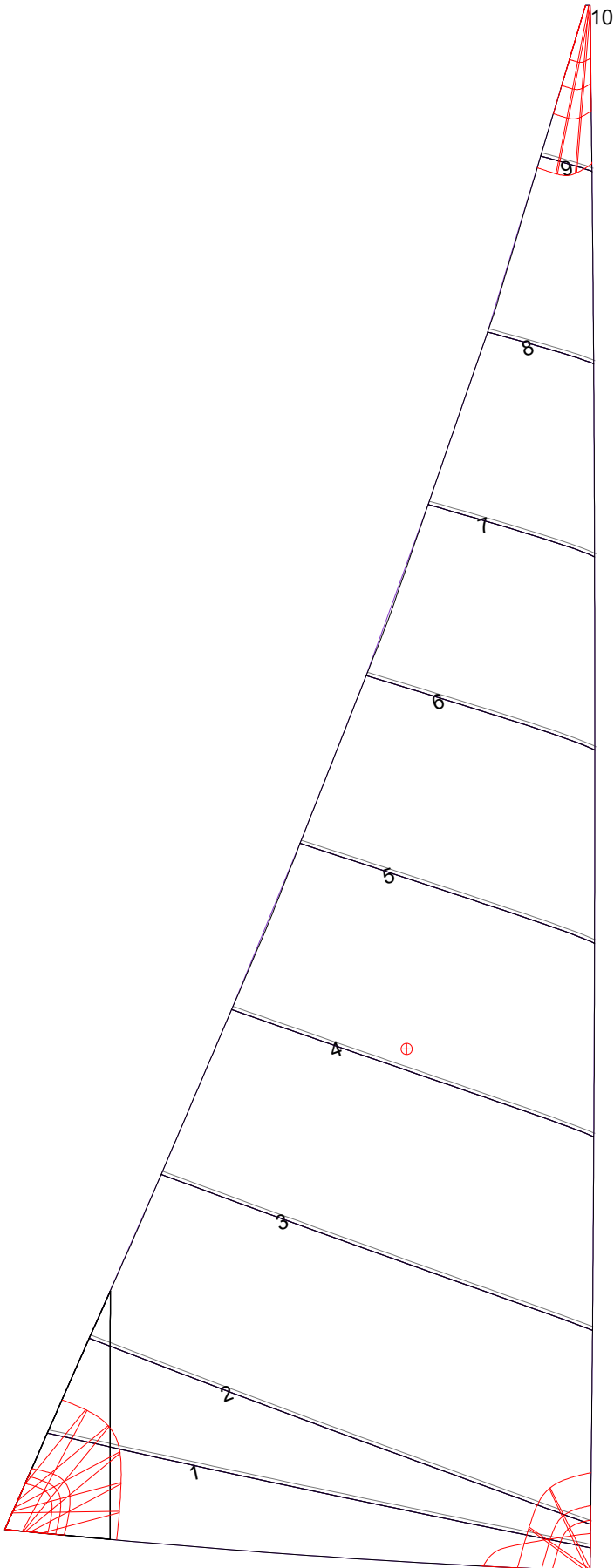
11.228m,	0.000m
9.829m,	-0.016m
8.421m,	-0.027m
7.010m,	-0.033m
5.614m,	-0.034m
4.184m,	-0.031m
2.807m,	-0.025m
1.399m,	-0.014m
0.000m,	0.000m

#### Fanned Luff (@ 5.00% [0.210m])

100% (11.228m) :	0.000m	-0.000m
90% (10.105m) :	0.009m	0.025m
80% (8.982m) :	0.018m	0.050m
70% (7.860m) :	0.023m	0.071m
60% (6.737m) :	0.026m	0.086m
50% (5.614m) :	0.025m	0.093m
40% (4.491m) :	0.023m	0.089m
30% (3.368m) :	0.019m	0.076m
20% (2.245m) :	0.013m	0.055m
10% (1.123m) :	0.006m	0.028m
0% (0.000m) :	0.000m	0.000m

#### Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m
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	20.67
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	22.94	1,2,3,4,5 6,7,8,9,10