

Mainsail: 7000304 David Amel super maramu 53 Furlmain.des

Design Info

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Initial Design Date: 9/3/2023

Boat:

Client:

Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000304 David\7000304 Dav

Comments:

Design Data

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Main

Measurements

Luff geodesic:	15.750m
Leech geodesic:	16.073m
Foot geodesic:	4.670m
Head geodesic:	0.035m
Upper width (MUW):	0.522m
Three-quarter width (MTW):	1.040m
Half width (MHW):	2.196m
Quarter width (MQW):	3.424m
Foot median:	15.785m
ORC Mainsail area:	35.458m?
Surface area:	35.217m?
Clew height:	0.380m
Mast rake:	0.000m

Luff Curve

15.750m,	0.000m
13.787m,	-0.022m
11.812m,	-0.038m
9.833m,	-0.046m
7.875m,	-0.047m
5.869m,	-0.044m
3.937m,	-0.035m
1.963m,	-0.020m
0.000m,	0.000m

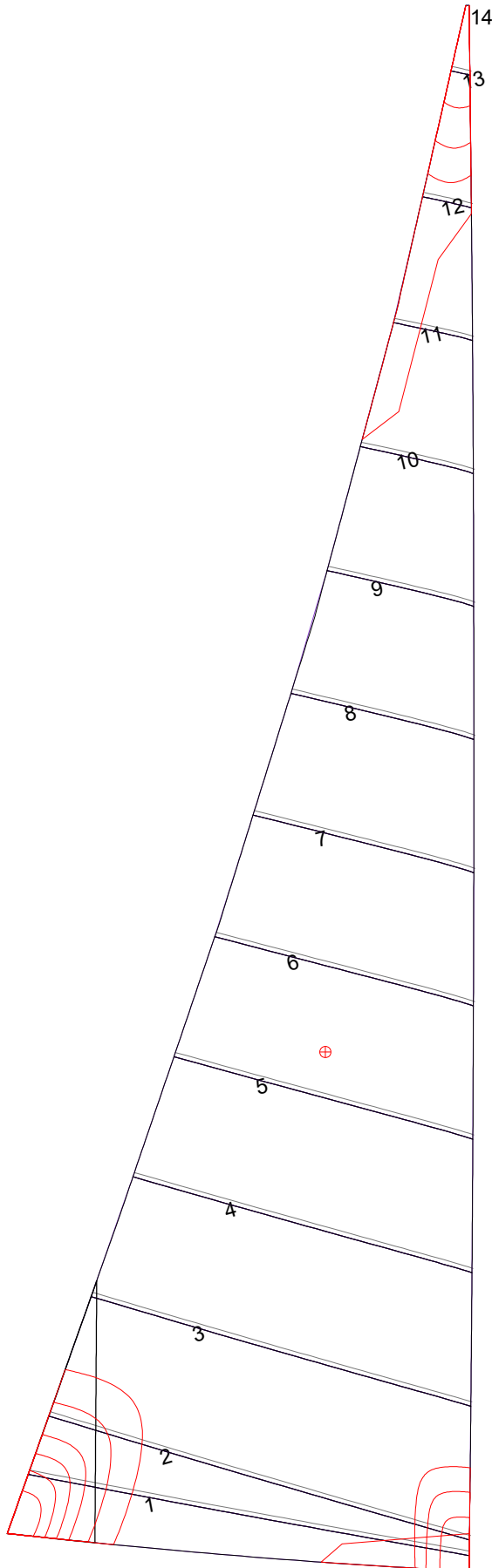
Fanned Luff (@ 5.00% [0.232m])

100% (15.750m) :	-0.000m
90% (14.175m) :	0.014m
80% (12.600m) :	0.026m
70% (11.025m) :	0.034m
60% (9.450m) :	0.038m
50% (7.875m) :	0.038m
40% (6.300m) :	0.035m
30% (4.725m) :	0.029m
20% (3.150m) :	0.021m
10% (1.575m) :	0.010m
0% (0.000m) :	0.000m

Before BSeam

0.000m
0.031m
0.061m
0.086m
0.104m
0.111m
0.107m
0.092m
0.067m
0.034m
0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.045m
Cover 1	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

Total Seam Lengths (m)

Horizontal	31.34
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	35.30	1,2,3,4,5 6,7,8,9,10 11,12,13,14