

# Genoa: 7000309 Michel-2 Genoa.des

## Design Info

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## Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000309 Michel\7000309 Mic

Initial Design Date: 28/3/2023

Boat:

Client:

Comments:

## Design Data

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## Genoa

### Measurements

Luff geodesic:	17.245m
Leech geodesic:	16.899m
Foot geodesic:	9.417m
Headboard width:	0.040m
Luff perpendicular (HLP):	9.000m
Upper width (HUW):	1.010m
Three-quarter width (HTW):	2.021m
Half width (HHW):	4.203m
Quarter width (HQW):	6.550m
Foot median:	16.705m
ORC Headsail area:	74.837m?
IRC Headsail area:	74.694m?
Surface area:	75.244m?
Forestay height:	18.830m
J:	6.000m

### Draft Stripes

1, Luff: 4.331m ; Leech: 4.170m ;  
2, Luff: 8.661m ; Leech: 8.439m ;  
3, Luff: 12.973m ; Leech: 12.609m ;

### Luff Curve

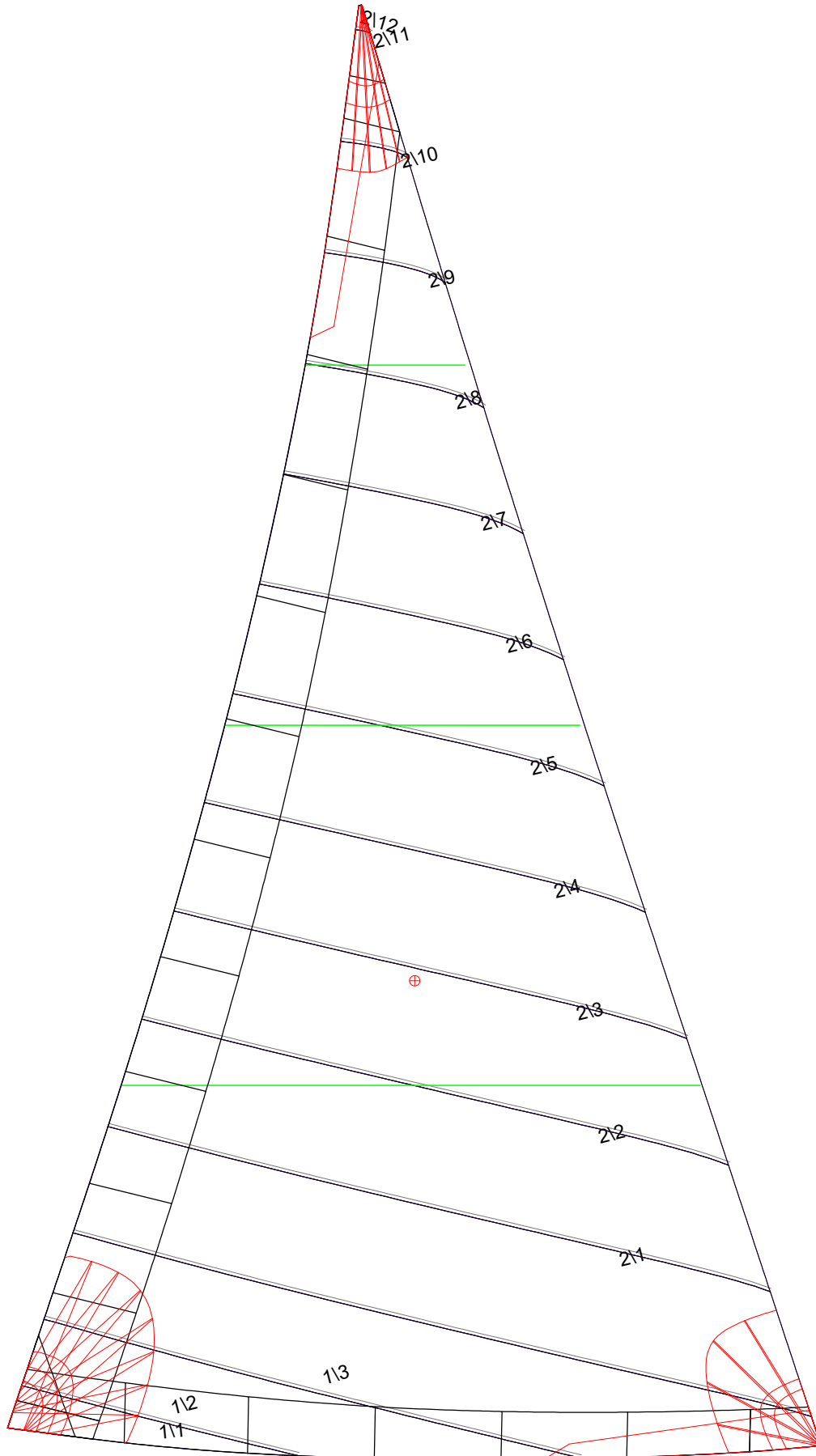
17.242m,	0.000m
15.809m,	0.058m
14.224m,	0.106m
12.829m,	0.130m
11.207m,	0.139m
8.580m,	0.122m
5.604m,	0.083m
2.914m,	0.041m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.464m])

100% (17.242m) :	0.000m	-0.000m
90% (15.517m) :	-0.061m	0.008m
80% (13.796m) :	-0.108m	0.022m
70% (12.070m) :	-0.132m	0.035m
60% (10.346m) :	-0.136m	0.047m
50% (8.622m) :	-0.125m	0.057m
40% (6.897m) :	-0.104m	0.060m
30% (5.173m) :	-0.079m	0.056m
20% (3.449m) :	-0.053m	0.047m
10% (1.723m) :	-0.026m	0.030m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1	0.038m	0.038m	0.038m
Zone: 2	0.038m	0.038m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.100m	0.070m
Cover 1	0.070m	0.070m	0.070m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	61.63
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	75.44	111,112,113,211,212 213,214,215,216,217 218,219,210,2111,2112