

Genoa: 7000403 Ole Marius Headsail.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\7000403 Ole Marius\7000403

Initial Design Date: 12/4/2023
Boat:

Comments:

Client:

Design Data

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Genoa

Measurements

Luff geodesic:	14.038m
Leech geodesic:	13.780m
Foot geodesic:	5.290m
Headboard width:	0.033m
Luff perpendicular (HLP):	5.150m
Upper width (HUW):	0.558m
Three-quarter width (HTW):	1.112m
Half width (HHW):	2.341m
Quarter width (HQW):	3.703m
Foot median:	13.813m
ORC Headsail area:	34.386m?
IRC Headsail area:	34.305m?
Surface area:	34.432m?
Forestay height:	14.490m
J:	4.210m

Draft Stripes

1, Luff: 4.652m ; Leech: 4.695m ;
2, Luff: 9.297m ; Leech: 9.152m ;

Luff Curve

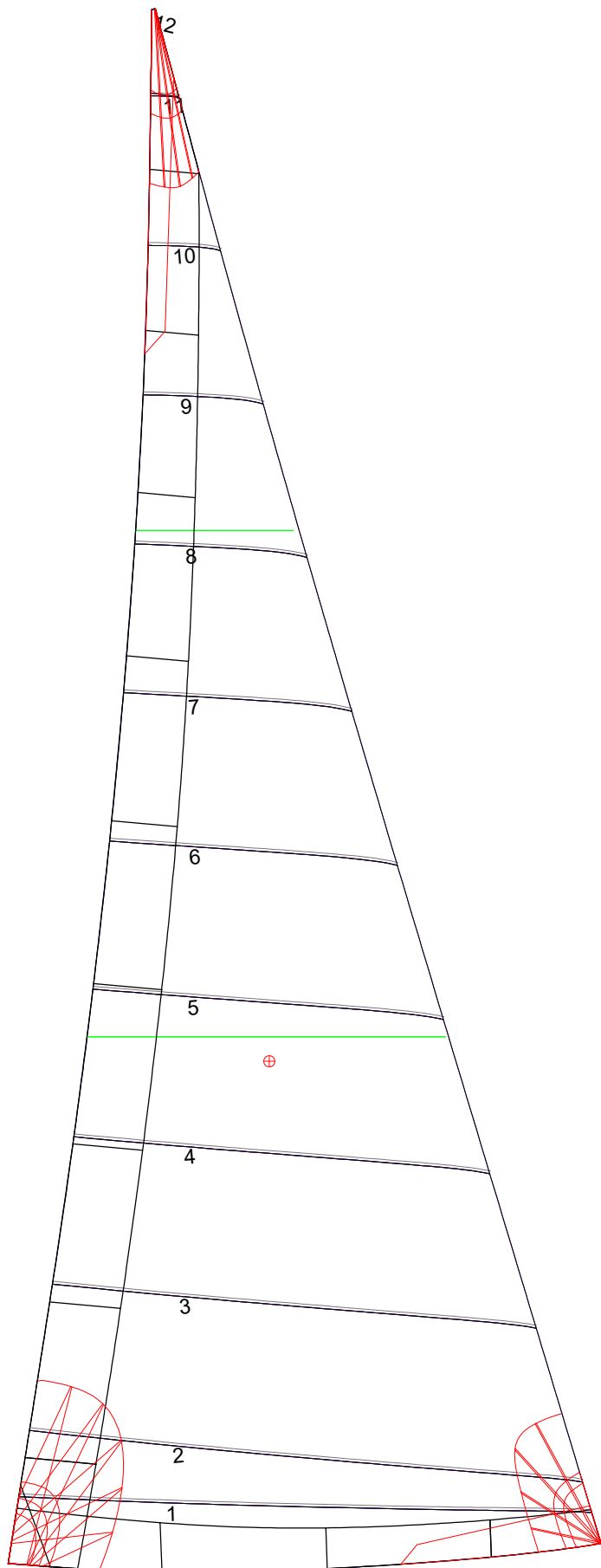
14.035m,	0.000m
12.869m,	0.048m
11.579m,	0.086m
10.444m,	0.106m
9.123m,	0.113m
6.985m,	0.100m
4.561m,	0.068m
2.372m,	0.034m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.260m])

100% (14.036m) :	0.000m	0.000m
90% (12.631m) :	-0.051m	-0.011m
80% (11.231m) :	-0.088m	-0.014m
70% (9.825m) :	-0.107m	-0.010m
60% (8.422m) :	-0.111m	-0.003m
50% (7.018m) :	-0.101m	0.006m
40% (5.615m) :	-0.084m	0.013m
30% (4.211m) :	-0.064m	0.017m
20% (2.808m) :	-0.042m	0.018m
10% (1.403m) :	-0.021m	0.013m
0% (0.000m) :	-0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
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

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

Total Seam Lengths (m)

Horizontal	30.13
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	34.53	1,2,3,4,5 6,7,8,9,10 11,12