

Genoa: 7000403 Ole Marius HeadsailV1.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:	13.380m
Foot geodesic:	5.290m
Headboard width:	0.033m
Luff perpendicular (HLP):	5.043m
Upper width (HUW):	0.545m
Three-quarter width (HTW):	1.085m
Half width (HHW):	2.284m
Quarter width (HQW):	3.618m
Foot median:	13.614m
ORC Headsail area:	33.612m?
IRC Headsail area:	33.538m?
Surface area:	33.718m?
Forestay height:	14.490m
J:	4.210m

Draft Stripes

1, Luff: 4.652m ; Leech: 4.291m ;
2, Luff: 9.297m ; Leech: 8.751m ;

Luff Curve

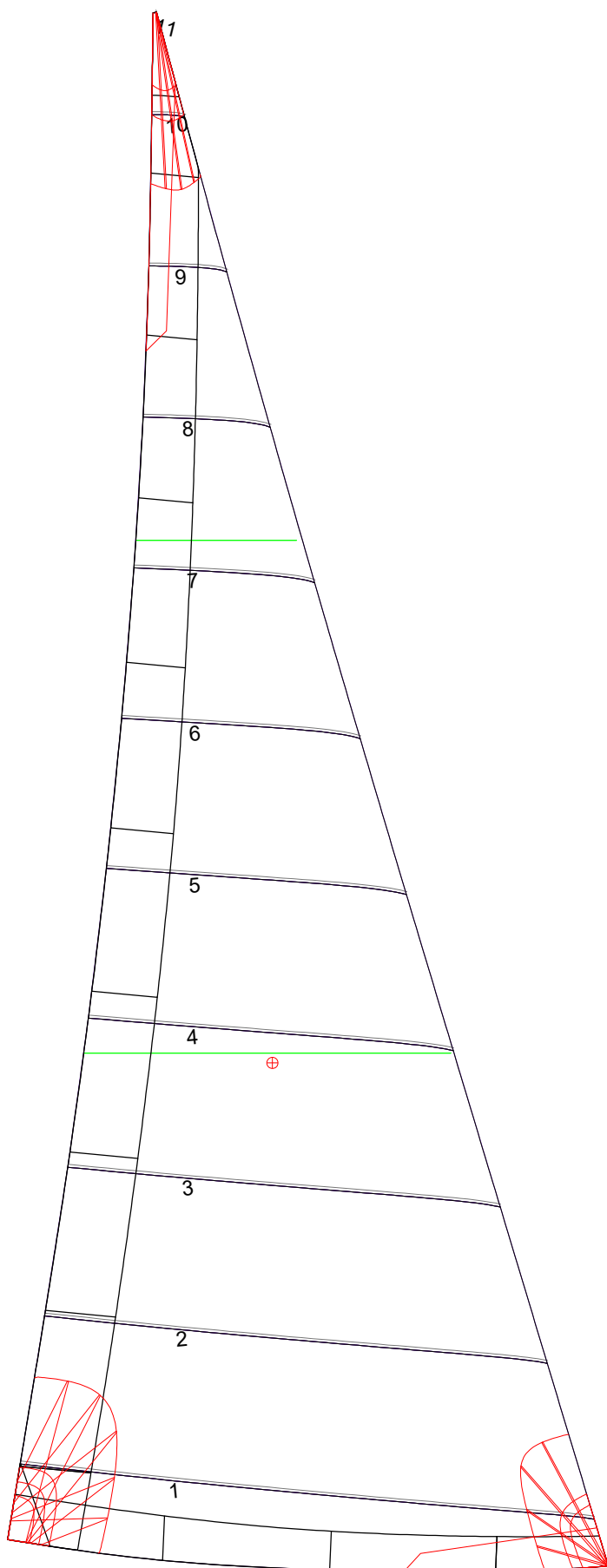
14.035m,	0.000m
12.869m,	0.048m
11.579m,	0.086m
10.444m,	0.106m
9.123m,	0.113m
6.985m,	0.100m
4.561m,	0.068m
2.372m,	0.034m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.260m])

100% (14.036m) :	0.000m	0.000m
90% (12.631m) :	-0.051m	-0.011m
80% (11.230m) :	-0.089m	-0.014m
70% (9.826m) :	-0.107m	-0.010m
60% (8.422m) :	-0.110m	-0.002m
50% (7.018m) :	-0.100m	0.007m
40% (5.615m) :	-0.083m	0.015m
30% (4.211m) :	-0.062m	0.018m
20% (2.808m) :	-0.041m	0.019m
10% (1.403m) :	-0.020m	0.014m
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

	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	25.76
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	33.81	1,2,3,4,5 6,7,8,9,10 11