

Genoa: 7000601 Matthieu Mirage33 Headsail.des

Design Info
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Design File:
C:\Users\ADMINI~1\AppData\Local\Temp\Rar\$DRa0.278\0615\7000601 Matthieu Mirage33 Headsail.des

Initial Design Date: 15/6/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	11.810m
Leech geodesic:	11.281m
Foot geodesic:	4.895m
Headboard width:	0.005m
Luff perpendicular (HLP):	4.668m
Upper width (HUW):	0.502m
Three-quarter width (HTW):	1.020m
Half width (HHW):	2.149m
Quarter width (HQW):	3.380m
Foot median:	11.435m
ORC Headsail area:	26.356m?
IRC Headsail area:	26.297m?
Surface area:	26.492m?
Forestay height:	13.110m
J:	3.890m

Draft Stripes

1, Luff: 3.914m ; Leech: 3.620m ;
2, Luff: 7.822m ; Leech: 7.381m ;

Luff Curve

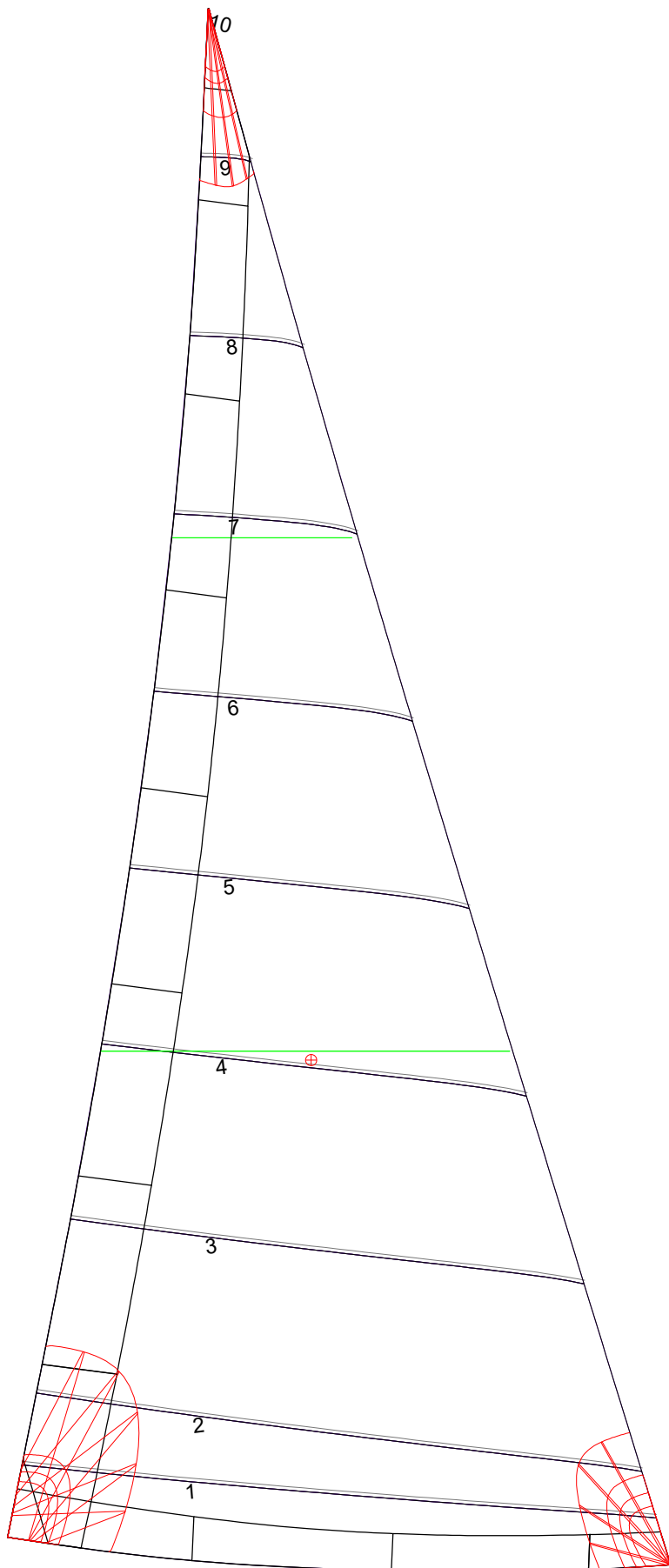
11.808m,	0.000m
10.827m,	0.040m
9.741m,	0.072m
8.786m,	0.089m
7.675m,	0.095m
5.876m,	0.084m
3.837m,	0.057m
1.996m,	0.028m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.241m])

100% (11.808m) :	-0.000m	0.000m
90% (10.626m) :	-0.043m	-0.003m
80% (9.448m) :	-0.076m	0.000m
70% (8.266m) :	-0.092m	0.007m
60% (7.085m) :	-0.095m	0.015m
50% (5.904m) :	-0.087m	0.023m
40% (4.724m) :	-0.072m	0.029m
30% (3.542m) :	-0.055m	0.031m
20% (2.362m) :	-0.037m	0.027m
10% (1.180m) :	-0.019m	0.016m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.026m	0.026m	0.026m
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	23.82
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	26.54	1,2,3,4,5 6,7,8,9,10