

Genoa: 6001123 Mcqueen-2 headsail.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\6001123 M

Initial Design Date: 30/1/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	15.588m
Leech geodesic:	15.121m
Foot geodesic:	5.156m
Headboard width:	0.033m
Luff perpendicular (HLP):	4.994m
Upper width (HUW):	0.549m
Three-quarter width (HTW):	1.090m
Half width (HHW):	2.281m
Quarter width (HQW):	3.594m
Foot median:	15.255m
ORC Headsail area:	37.122m?
IRC Headsail area:	37.051m?
Surface area:	37.066m?
Forestay height:	16.620m
J:	4.860m

Draft Stripes

1, Luff: 5.157m ; Leech: 5.074m ;
2, Luff: 10.309m ; Leech: 10.008m ;

Luff Curve

15.587m,	0.000m
14.292m,	0.031m
12.859m,	0.055m
11.598m,	0.068m
10.132m,	0.073m
7.757m,	0.064m
5.066m,	0.044m
2.635m,	0.022m
0.000m,	0.000m

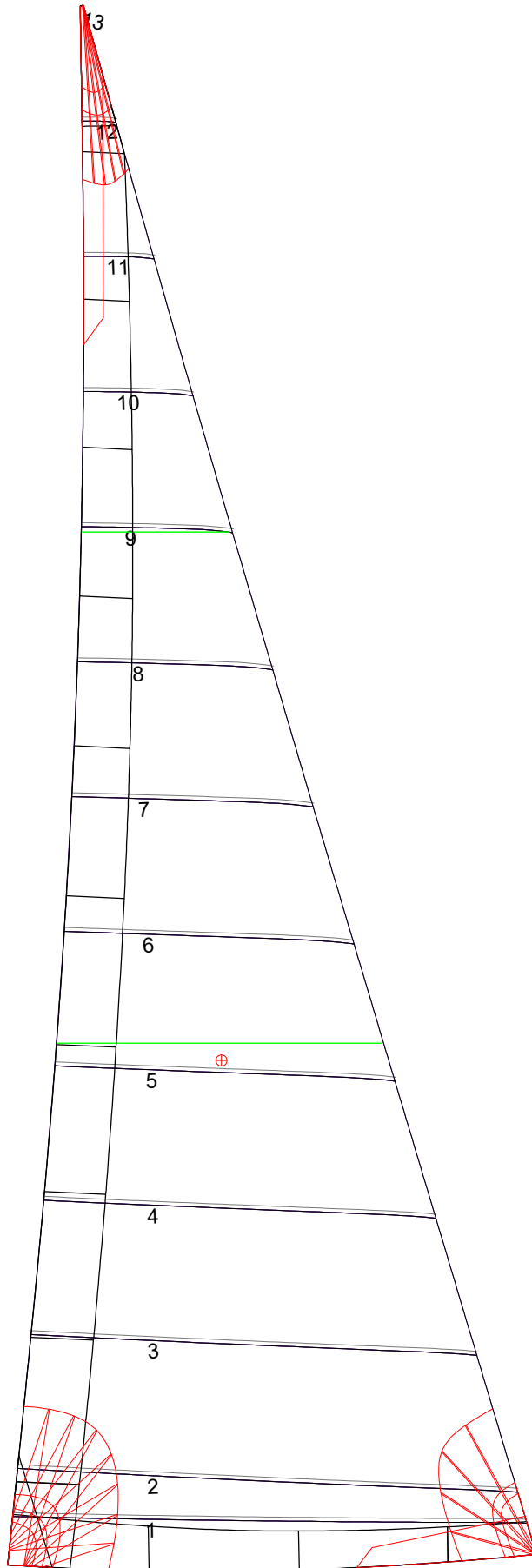
Fanned Luff (@ 5.00% [0.255m])

100% (15.587m) :	0.000m
90% (14.027m) :	-0.031m
80% (12.471m) :	-0.055m
70% (10.911m) :	-0.066m
60% (9.353m) :	-0.068m
50% (7.794m) :	-0.062m
40% (6.235m) :	-0.052m
30% (4.676m) :	-0.039m
20% (3.118m) :	-0.026m
10% (1.558m) :	-0.013m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.006m
-0.008m
-0.004m
0.003m
0.011m
0.016m
0.017m
0.016m
0.011m
0.000m

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Seam Allowances

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

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.070m	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	32.66
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	37.16	1,2,3,4,5 6,7,8,9,10 11,12,13