

# Genoa: 8000120 Manuel-2 Headsail V3.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000120 Manuel m

Initial Design Date: 23/5/2024  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic: 13.050m  
Leech geodesic: 12.250m  
Foot geodesic: 5.500m  
Headboard width: 0.050m  
Luff perpendicular (HLP): 5.181m  
Upper width (HUW): 0.579m  
Three-quarter width (HTW): 1.144m  
Half width (HHW): 2.392m  
Quarter width (HQW): 3.764m  
Foot median: 12.676m  
ORC Headsail area: 32.477m?  
IRC Headsail area: 32.355m?  
Surface area: 33.236m?  
Forestay height: 13.500m  
J: 3.670m

### Draft Stripes

1, Luff: 3.275m ; Leech: 2.679m ;  
2, Luff: 6.550m ; Leech: 5.880m ;  
3, Luff: 9.812m ; Leech: 9.043m ;

### Luff Curve

13.047m, 0.000m  
11.963m, 0.044m  
10.764m, 0.080m  
9.709m, 0.098m  
8.481m, 0.105m  
6.493m, 0.092m  
4.240m, 0.063m  
2.205m, 0.031m  
0.000m, 0.000m

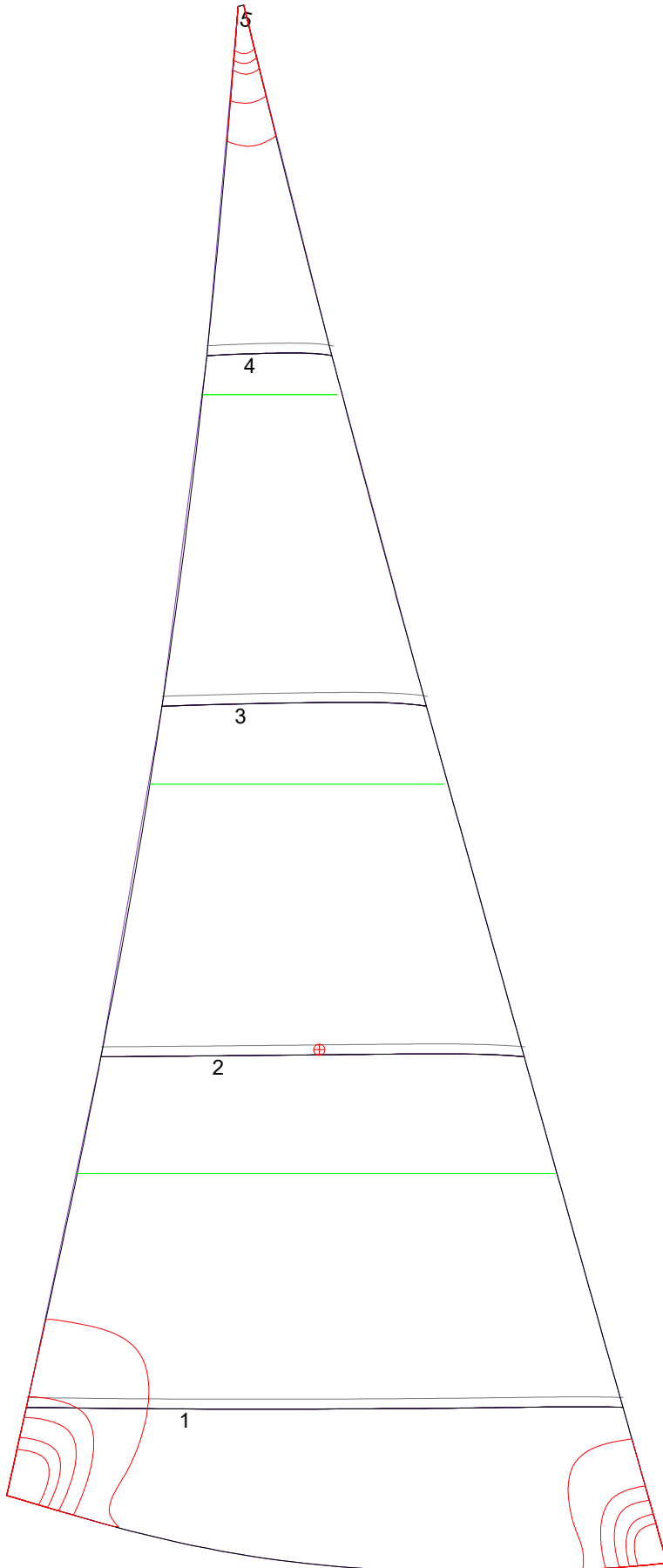
### Fanned Luff (@ 5.00% [0.267m])

100% (13.048m) : 0.000m  
90% (11.742m) : -0.051m  
80% (10.440m) : -0.087m  
70% (9.134m) : -0.105m  
60% (7.829m) : -0.106m  
50% (6.524m) : -0.096m  
40% (5.219m) : -0.081m  
30% (3.914m) : -0.062m  
20% (2.610m) : -0.042m  
10% (1.304m) : -0.021m  
0% (0.000m) : -0.000m

### Before BSeam

-0.000m  
-0.013m  
-0.014m  
-0.004m  
0.012m  
0.029m  
0.042m  
0.047m  
0.042m  
0.025m  
0.000m

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.080m	0.080m	0.080m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

### Total Seam Lengths (m)

Horizontal	12.01
Radial/Vertical	0.00
Bi-Radial Split	0.00

### Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	33.37	1,2,3,4,5