

# Genoa: 8000613 Pepijn-2 Moody 425 110%furlingJibV2.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000613 Pepijn M

Initial Design Date: 20/8/2024  
Boat:  
Moody 425 110%jib

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	14.652m
Leech geodesic:	12.855m
Foot geodesic:	6.269m
Headboard width:	0.045m
Luff perpendicular (HLP):	5.533m
Upper width (HUW):	0.623m
Three-quarter width (HTW):	1.229m
Half width (HHW):	2.548m
Quarter width (HQW):	3.999m
Foot median:	13.551m
ORC Headsail area:	38.868m?
IRC Headsail area:	38.785m?
Surface area:	39.023m?
Forestay height:	15.750m
J:	5.030m

## Draft Stripes

1, Luff: 4.852m ; Leech: 3.417m ;  
2, Luff: 9.698m ; Leech: 8.056m ;

## Luff Curve

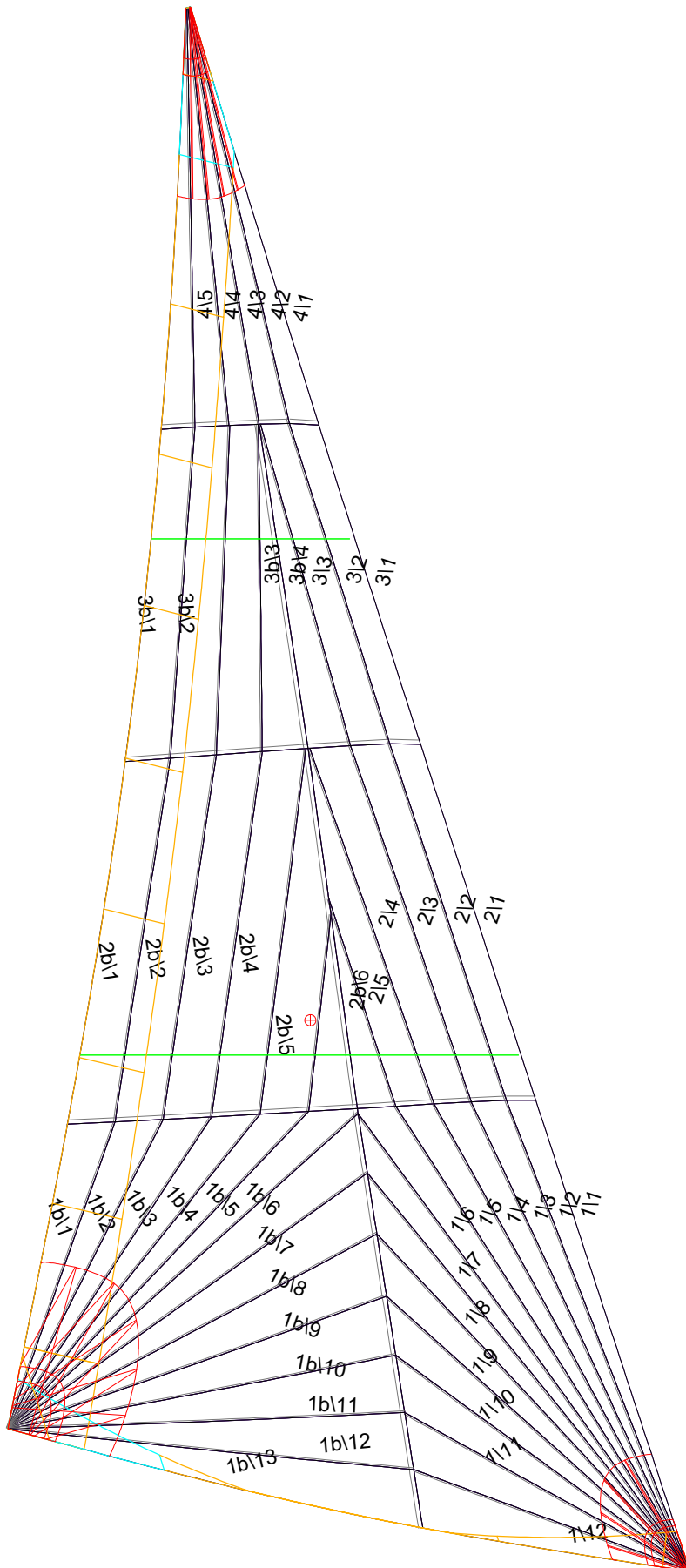
14.650m,	0.000m
13.433m,	0.037m
12.086m,	0.067m
10.901m,	0.082m
9.523m,	0.088m
7.291m,	0.077m
4.761m,	0.052m
2.476m,	0.026m
0.000m,	0.000m

## Fanned Luff (@ 5.00% [0.304m])

100% (14.651m) :	-0.000m	0.000m
90% (13.186m) :	-0.039m	0.000m
80% (11.721m) :	-0.069m	0.005m
70% (10.256m) :	-0.085m	0.016m
60% (8.791m) :	-0.088m	0.029m
50% (7.326m) :	-0.082m	0.041m
40% (5.860m) :	-0.070m	0.048m
30% (4.395m) :	-0.055m	0.047m
20% (2.931m) :	-0.038m	0.041m
10% (1.464m) :	-0.020m	0.026m
0% (0.000m) :	0.000m	0.000m

## Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3/a	0.038m	0.015m	0.038m
Zone: 3/b	0.038m	0.015m	0.038m
Zone: 4	0.038m	0.015m	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

	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	8.63
Radial/Vertical	146.50
Bi-Radial Split	10.34

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	39.10	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,1b\13 2\1,2\2,2\3,2\4,2\5 2b\6,2b\5,2b\4,2b\3,2b\2 2b\1,3\1,3\2,3\3,3b\4 3b\3,3b\2,3b\1,4\1,4\2 4\3,4\4,4\5