

# Genoa: 8000124 Kjetil selftacking jib.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000124 Kjetil head

Initial Design Date: 29/1/2024  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

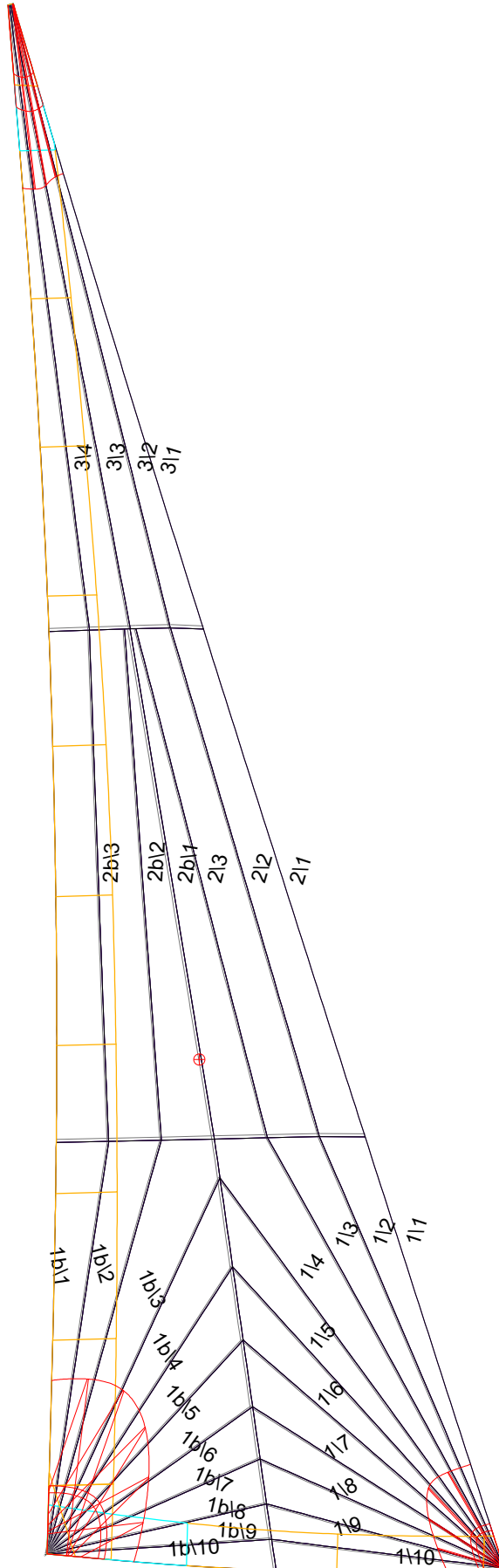
Luff geodesic: 15.830m  
Leech geodesic: 15.000m  
Foot geodesic: 4.450m  
Headboard width: 0.055m  
Luff perpendicular (HLP): 4.221m  
Upper width (HUW): 0.471m  
Three-quarter width (HTW): 0.913m  
Half width (HHW): 1.908m  
Quarter width (HQW): 3.026m  
Foot median: 15.353m  
ORC Headsail area: 31.766m?  
IRC Headsail area: 31.675m?  
Surface area: 31.707m?  
Forestay height: 16.600m  
J: 5.210m

## Luff Curve

15.828m, 0.000m  
14.513m, 0.040m  
13.058m, 0.072m  
11.778m, 0.089m  
10.289m, 0.095m  
7.877m, 0.083m  
5.144m, 0.057m  
2.675m, 0.028m  
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.221m])		Before BSeam
100% (15.829m) :	-0.000m	-0.000m
90% (14.245m) :	-0.042m	-0.015m
80% (12.664m) :	-0.072m	-0.022m
70% (11.080m) :	-0.087m	-0.019m
60% (9.498m) :	-0.090m	-0.010m
50% (7.915m) :	-0.083m	0.000m
40% (6.332m) :	-0.070m	0.009m
30% (4.748m) :	-0.055m	0.013m
20% (3.166m) :	-0.037m	0.015m
10% (1.582m) :	-0.019m	0.011m
0% (0.000m) :	0.000m	0.000m

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.030m
Zone: 1/b	0.025m	0.015m	0.030m
Zone: 2/a	0.025m	0.015m	0.030m
Zone: 2/b	0.025m	0.015m	0.030m
Zone: 3	0.025m	0.015m	0.030m
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	4.65
Radial/Vertical	97.77
Bi-Radial Split	9.41

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	31.77	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 2\1,2\2,2\3,2b\1,2b\2 2b\3,3\1,3\2,3\3,3\4