

# Genoa: 8000108 Bill Com-pac 23 Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000108 Bill\8000108

Initial Design Date: 12/1/2024  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	7.440m
Leech geodesic:	5.840m
Foot geodesic:	4.243m
Headboard width:	0.040m
Luff perpendicular (HLP):	3.385m
Upper width (HUW):	0.407m
Three-quarter width (HTW):	0.793m
Half width (HHW):	1.609m
Quarter width (HQW):	2.480m
Foot median:	6.479m
ORC Headsail area:	12.292m?
IRC Headsail area:	12.269m?
Surface area:	12.529m?
Forestay height:	7.925m
J:	2.566m

### Draft Stripes

1, Luff: 3.734m ; Leech: 2.153m ;

### Luff Curve

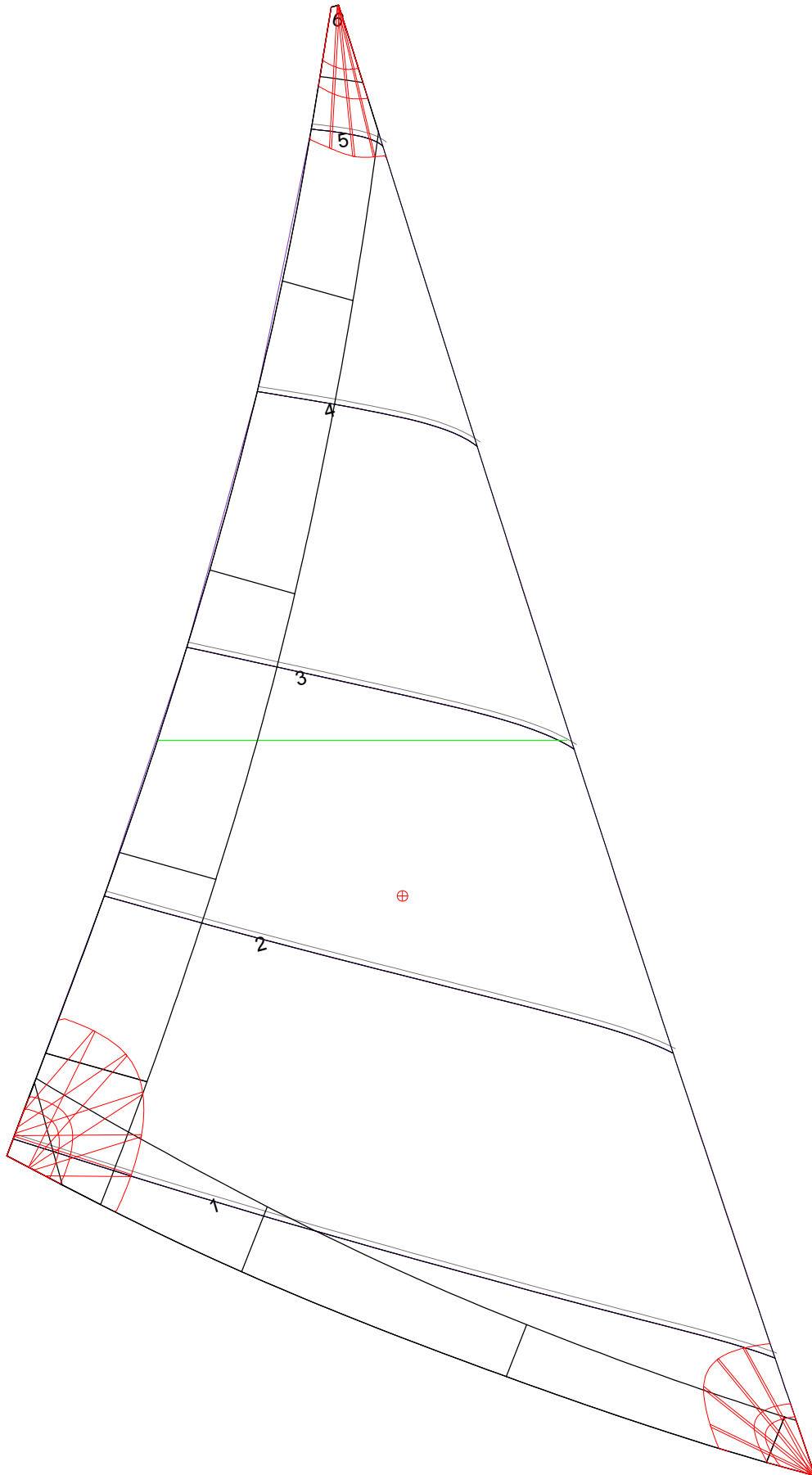
7.439m,	0.000m
5.947m,	0.032m
4.457m,	0.044m
2.968m,	0.040m
1.483m,	0.025m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.194m])

100% (7.439m) :	0.000m	-0.000m
90% (6.697m) :	-0.017m	0.020m
80% (5.951m) :	-0.035m	0.036m
70% (5.208m) :	-0.046m	0.048m
60% (4.464m) :	-0.051m	0.055m
50% (3.720m) :	-0.051m	0.058m
40% (2.976m) :	-0.047m	0.055m
30% (2.232m) :	-0.041m	0.047m
20% (1.488m) :	-0.030m	0.036m
10% (0.743m) :	-0.016m	0.021m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
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	10.55
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	12.56	1,2,3,4,5 6