

# Genoa: 8000507 Richard hanks jib.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000507 Richard h

Initial Design Date: 10/5/2024  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	6.477m
Leech geodesic:	4.953m
Foot geodesic:	2.591m
Headboard width:	0.050m
Luff perpendicular (HLP):	1.825m
Upper width (HUW):	0.231m
Three-quarter width (HTW):	0.423m
Half width (HHW):	0.850m
Quarter width (HQW):	1.318m
Foot median:	5.671m
ORC Headsail area:	5.730m?
IRC Headsail area:	5.720m?
Surface area:	5.806m?
Forestay height:	7.010m
J:	2.073m

## Draft Stripes

1, Luff: 3.249m ; Leech: 1.831m ;

## Luff Slides

1, Position: 0.610m  
2, Position: 1.194m  
3, Position: 1.778m  
4, Position: 2.362m  
5, Position: 2.946m  
6, Position: 3.531m  
7, Position: 4.115m  
8, Position: 4.699m  
9, Position: 5.283m  
10, Position: 5.867m

## Luff Curve

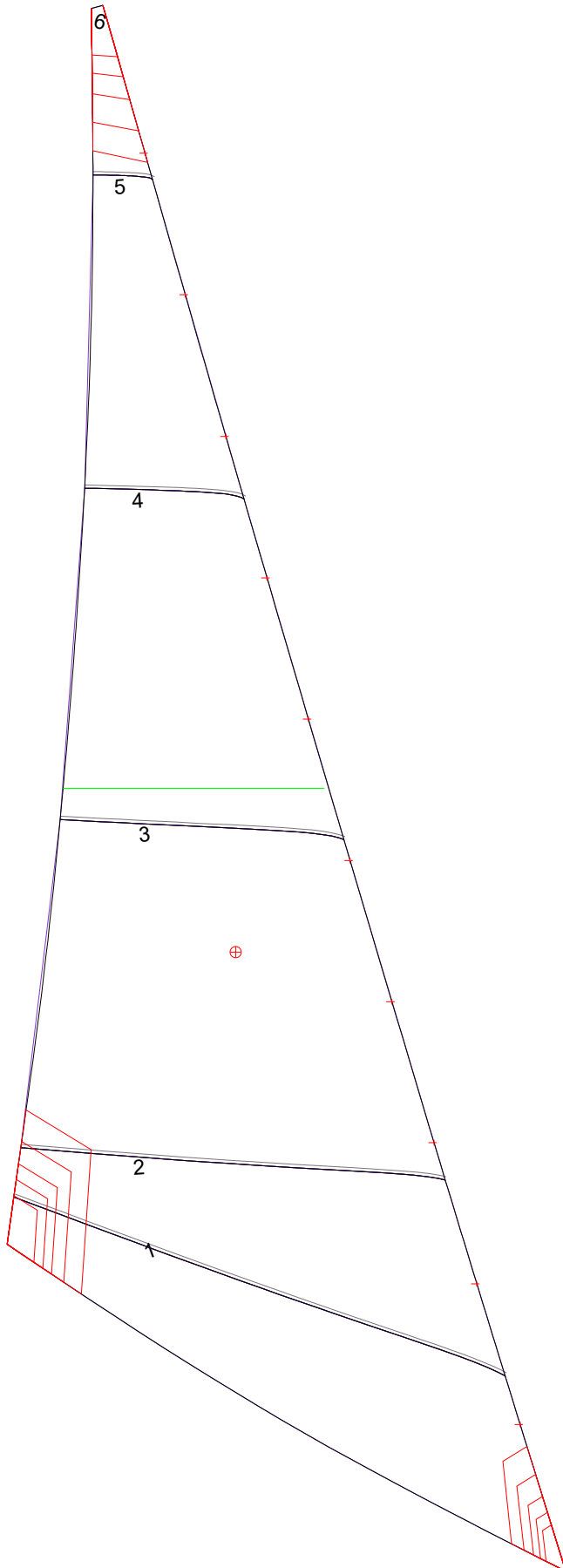
6.476m,	0.000m
5.177m,	0.027m
3.880m,	0.038m
2.584m,	0.035m
1.291m,	0.022m
0.000m,	0.000m

## Fanned Luff (@ 5.00% [0.111m])

100% (6.476m) :	-0.000m	-0.000m
90% (5.830m) :	-0.016m	0.004m
80% (5.180m) :	-0.032m	0.007m
70% (4.534m) :	-0.042m	0.012m
60% (3.886m) :	-0.047m	0.017m
50% (3.238m) :	-0.047m	0.022m
40% (2.590m) :	-0.044m	0.023m
30% (1.943m) :	-0.038m	0.021m
20% (1.295m) :	-0.028m	0.018m
10% (0.647m) :	-0.015m	0.012m
0% (0.000m) :	0.000m	0.000m

## Before BSeam

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.013m

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

### Total Seam Lengths (m)

Horizontal	6.05
Radial/Vertical	0.00
Bi-Radial Split	0.00

### Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	5.84	1,2,3,4,5 6