

# Genoa: 8000709 Richard O'day 192 110% wire jib.des

## Design Info

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## Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000709 Richard O

Initial Design Date: 1/8/2024

Boat:

O'day 192

Client:

Comments:

## Design Data

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## Genoa

### Measurements

Luff geodesic:	19.800Ft
Leech geodesic:	17.693Ft
Foot geodesic:	7.594Ft
Headboard width:	0.164Ft
Luff perpendicular (HLP):	6.787Ft
Upper width (HUW):	0.857Ft
Three-quarter width (HTW):	1.588Ft
Half width (HHW):	3.179Ft
Quarter width (HQW):	4.927Ft
Foot median:	18.724Ft
ORC Headsail area:	65.363Ft?
IRC Headsail area:	65.212Ft?
Surface area:	66.479Ft?
Forestay height:	19.500Ft
J:	6.170Ft

### Draft Stripes

1, Luff: 9.936Ft ; Leech: 8.204Ft ;

### Luff Curve

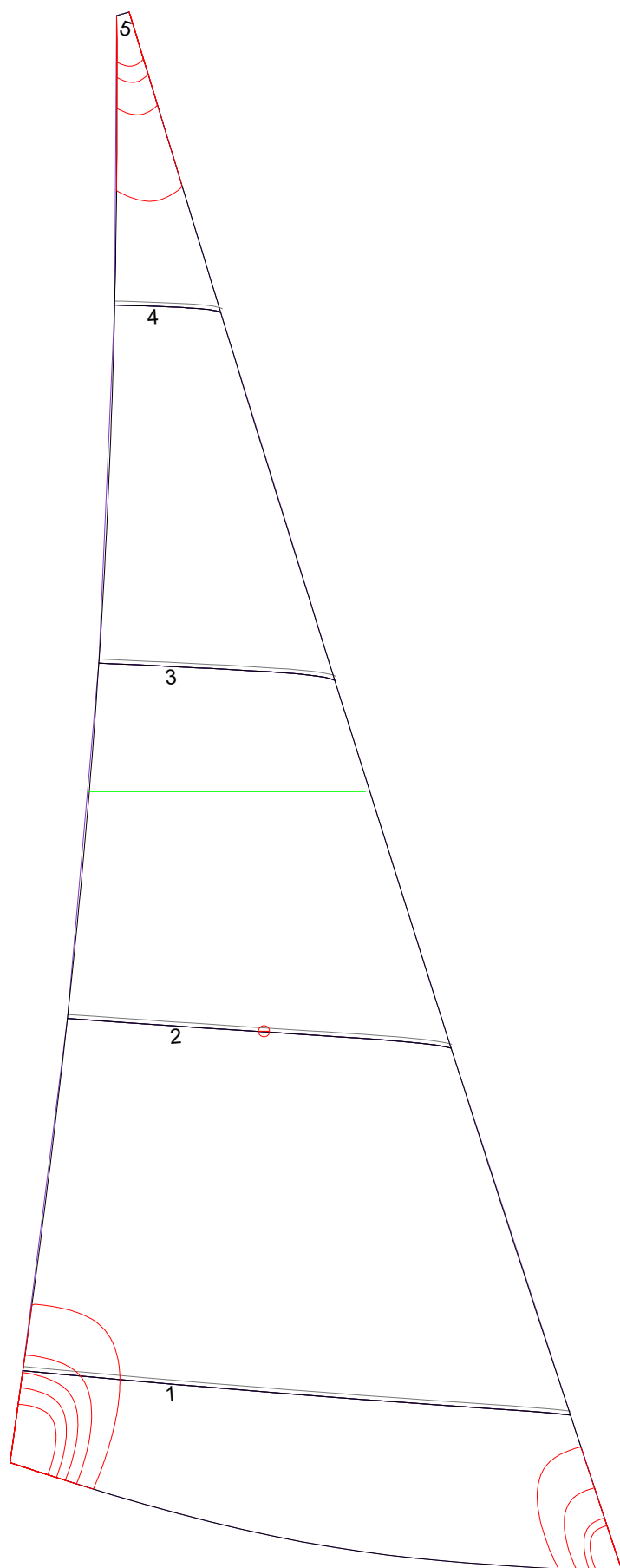
19.798Ft,	0.000Ft
15.828Ft,	0.084Ft
11.860Ft,	0.116Ft
7.900Ft,	0.105Ft
3.947Ft,	0.066Ft
0.000Ft,	0.000Ft

### Fanned Luff (@ 5.00% [0.371Ft])

100% (19.798Ft) :	-0.000Ft	0.000Ft
90% (17.819Ft) :	-0.039Ft	0.008Ft
80% (15.839Ft) :	-0.079Ft	0.010Ft
70% (13.859Ft) :	-0.105Ft	0.016Ft
60% (11.879Ft) :	-0.117Ft	0.025Ft
50% (9.899Ft) :	-0.119Ft	0.032Ft
40% (7.919Ft) :	-0.113Ft	0.034Ft
30% (5.939Ft) :	-0.100Ft	0.029Ft
20% (3.960Ft) :	-0.076Ft	0.024Ft
10% (1.977Ft) :	-0.041Ft	0.016Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

### Before BSeam

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.049Ft	0.049Ft	0.049Ft

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

### Total Seam Lengths (Ft)

Horizontal	16.02
Radial/Vertical	0.00
Bi-Radial Split	0.00

### Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	66.80	1,2,3,4,5