

# Genoa: 7001207 Paul Jib.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001207 Paul\7001

Initial Design Date: 6/12/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

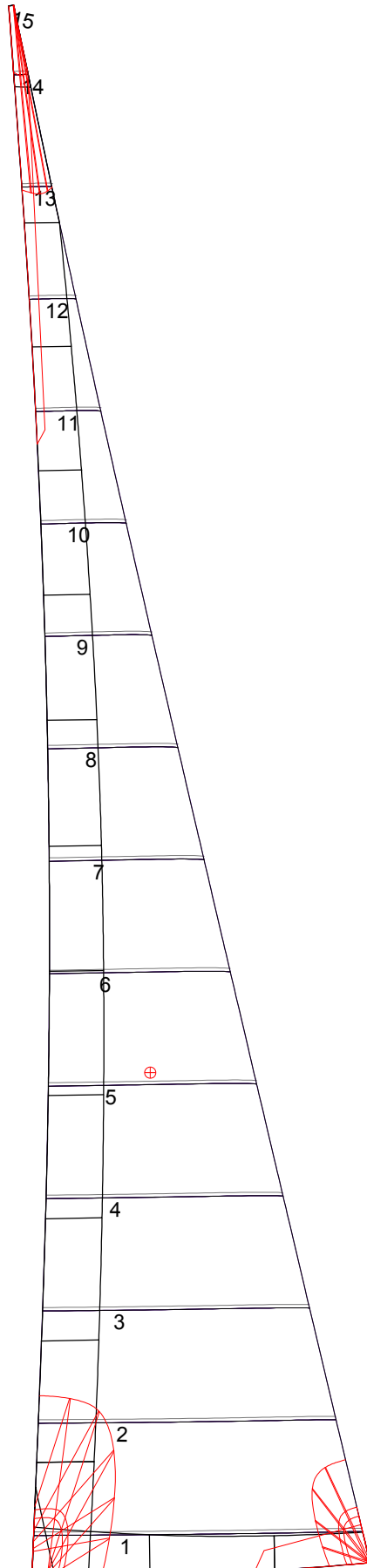
Luff geodesic:	60.967Ft
Leech geodesic:	59.750Ft
Foot geodesic:	13.000Ft
Headboard width:	0.200Ft
Luff perpendicular (HLP):	12.741Ft
Upper width (HUW):	1.297Ft
Three-quarter width (HTW):	2.505Ft
Half width (HHW):	5.429Ft
Quarter width (HQW):	8.904Ft
Foot median:	60.287Ft
ORC Headsail area:	358.285Ft?
IRC Headsail area:	356.835Ft?
Surface area:	354.824Ft?
Forestay height:	75.416Ft
J:	17.250Ft

### Luff Curve

60.961Ft,	0.000Ft
55.895Ft,	0.153Ft
50.293Ft,	0.277Ft
45.361Ft,	0.341Ft
39.626Ft,	0.366Ft
30.337Ft,	0.321Ft
19.812Ft,	0.218Ft
10.304Ft,	0.109Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [0.644Ft])	Before BSeam
100% (60.962Ft) :	-0.000Ft
90% (54.861Ft) :	-0.083Ft
80% (48.775Ft) :	-0.129Ft
70% (42.674Ft) :	-0.130Ft
60% (36.579Ft) :	-0.101Ft
50% (30.482Ft) :	-0.059Ft
40% (24.386Ft) :	-0.020Ft
30% (18.288Ft) :	0.007Ft
20% (12.194Ft) :	0.024Ft
10% (6.093Ft) :	0.024Ft
0% (0.000Ft) :	0.000Ft

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.131Ft	0.131Ft	0.131Ft
Cover 1	0.082Ft	0.082Ft	0.082Ft
Cover 2	0.082Ft	0.082Ft	0.082Ft
Cover 3	0.000Ft	0.000Ft	0.000Ft
Cover 4	0.000Ft	0.000Ft	0.000Ft

## Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft
Cover 0	0.230Ft	0.328Ft	0.230Ft
Cover 1	0.230Ft	0.230Ft	0.328Ft
Cover 2	0.000Ft	0.230Ft	0.230Ft
Cover 3	0.000Ft	0.230Ft	0.230Ft

## Total Seam Lengths (Ft)

Horizontal	85.07
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	355.81	1,2,3,4,5 6,7,8,9,10 11,12,13,14,15