

# Genoa: 7001207 Paul Jib V1.des

Design Info  
=====

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:

Client:

Comments:  
LP 100%%  
  
Tack height off deck 45cm,  
clew height off deck 243cm.

Design Data  
=====

## Genoa

### Measurements

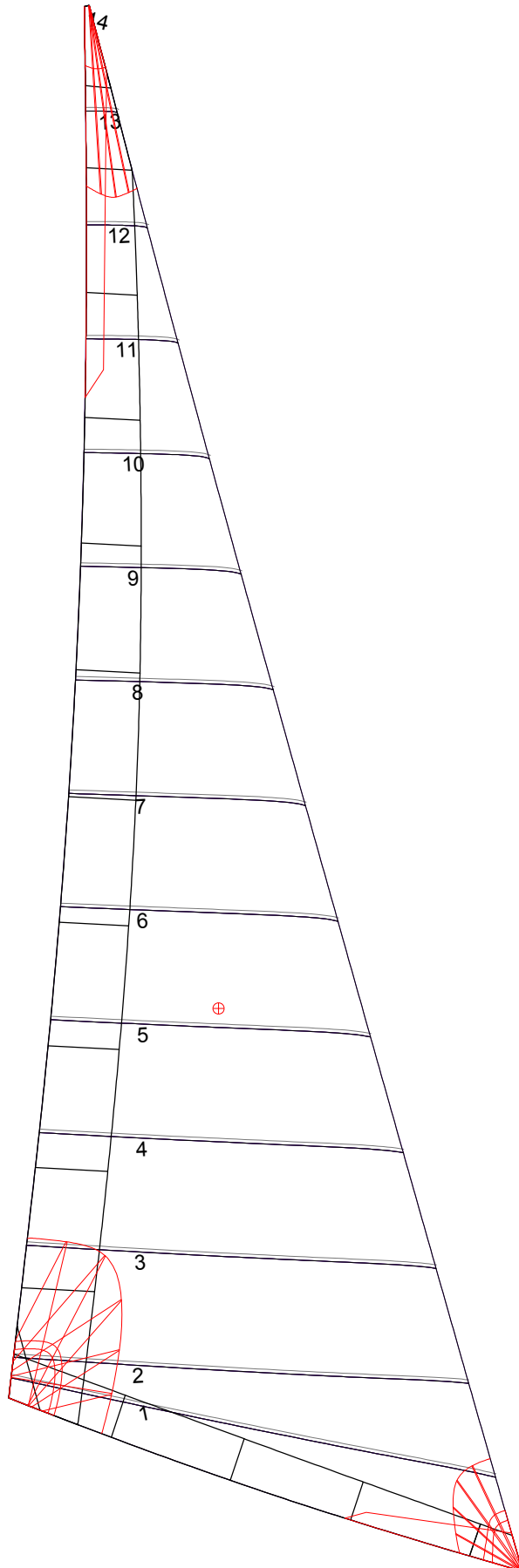
Luff geodesic: 60.968Ft  
 Leech geodesic: 52.521Ft  
 Foot geodesic: 20.509Ft  
 Headboard width: 0.200Ft  
 Luff perpendicular (HLP): 17.250Ft  
 Upper width (HUW): 1.935Ft  
 Three-quarter width (HTW): 3.764Ft  
 Half width (HHW): 7.826Ft  
 Quarter width (HQW): 12.377Ft  
 Foot median: 56.277Ft  
 ORC Headsail area: 500.826Ft?  
 IRC Headsail area: 499.616Ft?  
 Surface area: 501.894Ft?  
 Forestay height: 62.416Ft  
 J: 17.250Ft

### Luff Curve

60.960Ft,	0.000Ft
55.895Ft,	0.153Ft
50.292Ft,	0.277Ft
45.360Ft,	0.341Ft
39.626Ft,	0.366Ft
30.336Ft,	0.321Ft
19.812Ft,	0.218Ft
10.304Ft,	0.109Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [0.963Ft])		Before BSeam
100% (60.961Ft) :	0.000Ft	0.000Ft
90% (54.873Ft) :	-0.177Ft	-0.026Ft
80% (48.769Ft) :	-0.309Ft	-0.024Ft
70% (42.676Ft) :	-0.377Ft	0.009Ft
60% (36.578Ft) :	-0.390Ft	0.059Ft
50% (30.482Ft) :	-0.360Ft	0.109Ft
40% (24.385Ft) :	-0.303Ft	0.143Ft
30% (18.289Ft) :	-0.234Ft	0.151Ft
20% (12.193Ft) :	-0.158Ft	0.138Ft
10% (6.094Ft) :	-0.082Ft	0.092Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

# Genoa: 7001207 Paul Jib V1.des



## 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	126.30
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	503.15	1,2,3,4,5 6,7,8,9,10 11,12,13,14