

# Genoa: 8000127 Todd-2 Venture 21 hanks jib V2.des

Design Info  
=====

Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000127 Todd ma

Initial Design Date: 28/2/2024  
Boat:

Comments:

Client:

Design Data  
=====

## Genoa

### Measurements

Luff geodesic: 5.432m  
Leech geodesic: 4.833m  
Foot geodesic: 2.703m  
Headboard width: 0.050m  
Luff perpendicular (HLP): 2.421m  
Upper width (HUW): 0.304m  
Three-quarter width (HTW): 0.573m  
Half width (HHW): 1.148m  
Quarter width (HQW): 1.770m  
Foot median: 5.036m  
ORC Headsail area: 6.431m?  
IRC Headsail area: 6.415m?  
Surface area: 6.489m?  
Forestay height: 5.969m  
J: 2.201m

### Draft Stripes

1, Luff: 2.728m ; Leech: 2.248m ;

### Luff Slides

1, Position: 0.531m  
2, Position: 1.189m  
3, Position: 1.848m  
4, Position: 2.507m  
5, Position: 3.166m  
6, Position: 3.825m  
7, Position: 4.483m  
8, Position: 5.142m

### Luff Curve

5.431m, 0.000m  
4.342m, 0.024m  
3.254m, 0.033m  
2.167m, 0.030m  
1.083m, 0.019m  
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.133m])	Before BSeam
100% (5.431m) :	-0.000m 0.000m
90% (4.888m) :	-0.011m 0.006m
80% (4.345m) :	-0.022m 0.011m
70% (3.802m) :	-0.030m 0.015m
60% (3.259m) :	-0.034m 0.019m
50% (2.715m) :	-0.035m 0.022m
40% (2.172m) :	-0.033m 0.022m
30% (1.629m) :	-0.030m 0.019m
20% (1.086m) :	-0.023m 0.015m
10% (0.542m) :	-0.012m 0.010m
0% (0.000m) :	0.000m 0.000m

# Genoa: 8000127 Todd-2 Venture 21 hanks jib V2.des

Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.025m	0.025m	0.025m

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

Total Seam Lengths (m)

Horizontal	5.26
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	6.52	1,2,3,4,5

