

# Genoa: 7000320 Tom-2 Headsail.des

## Design Info

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## Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000320 Tom\7000320 Tom-

Initial Design Date: 5/4/2023

Boat:

Comments:

Client:

## Design Data

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## Genoa

### Measurements

Luff geodesic:	34.749Ft
Leech geodesic:	33.083Ft
Foot geodesic:	16.865Ft
Headboard width:	0.016Ft
Luff perpendicular (HLP):	15.945Ft
Upper width (HUW):	1.723Ft
Three-quarter width (HTW):	3.500Ft
Half width (HHW):	7.357Ft
Quarter width (HQW):	11.543Ft
Foot median:	33.383Ft
ORC Headsail area:	265.134Ft?
IRC Headsail area:	264.673Ft?
Surface area:	266.691Ft?
Forestay height:	36.811Ft
J:	11.811Ft

### Draft Stripes

1, Luff: 11.521Ft ; Leech: 10.522Ft ;  
2, Luff: 23.022Ft ; Leech: 21.603Ft ;

### Luff Curve

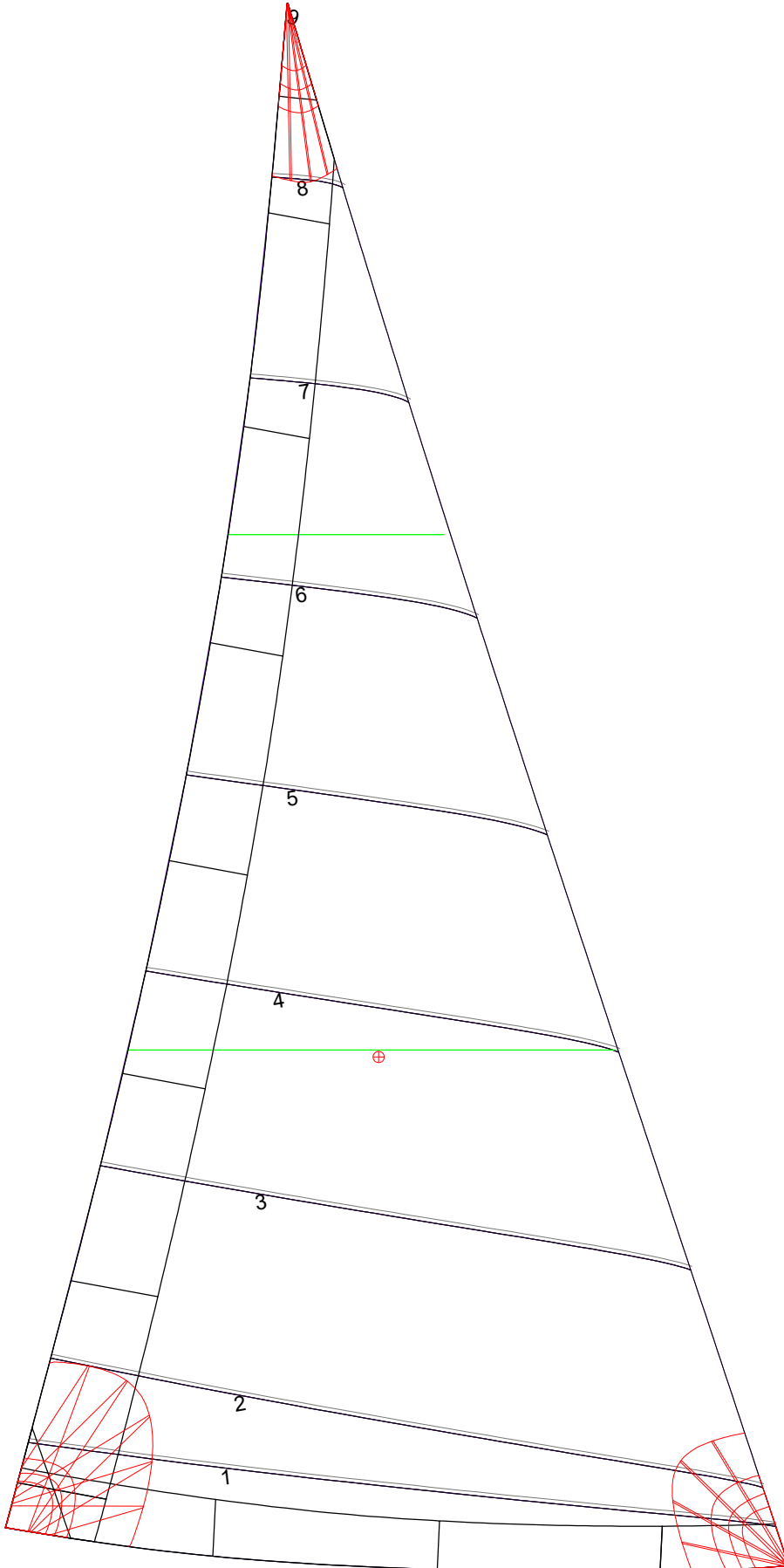
34.742Ft,	0.000Ft
31.855Ft,	0.118Ft
28.662Ft,	0.213Ft
25.852Ft,	0.262Ft
22.583Ft,	0.281Ft
17.289Ft,	0.246Ft
11.291Ft,	0.167Ft
5.872Ft,	0.084Ft
0.000Ft,	0.000Ft

### Fanned Luff (@ 5.00% [0.830Ft])

100% (34.743Ft) :	-0.000Ft	0.000Ft
90% (31.267Ft) :	-0.125Ft	0.000Ft
80% (27.799Ft) :	-0.218Ft	0.017Ft
70% (24.322Ft) :	-0.264Ft	0.040Ft
60% (20.848Ft) :	-0.272Ft	0.065Ft
50% (17.373Ft) :	-0.249Ft	0.088Ft
40% (13.898Ft) :	-0.206Ft	0.101Ft
30% (10.423Ft) :	-0.157Ft	0.098Ft
20% (6.950Ft) :	-0.104Ft	0.086Ft
10% (3.472Ft) :	-0.052Ft	0.057Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000Ft	0.000Ft	0.082Ft
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	0.230Ft
Cover 2	0.000Ft	0.230Ft	0.230Ft
Cover 3	0.000Ft	0.230Ft	0.230Ft

## Total Seam Lengths (Ft)

Horizontal	75.08
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
Material 1	267.49	1,2,3,4,5 6,7,8,9