

# Genoa: 8000203 Tyler Hunter 28.5 furlgen.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000203 Tyler Hunter

Initial Design Date: 19/2/2024  
Boat:  
Hunter 28.5  
Client:

Comments:

Design Data  
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Genoa

Measurements

Luff geodesic: 36.052Ft  
Leech geodesic: 33.434Ft  
Foot geodesic: 17.655Ft  
Headboard width: 0.108Ft  
Luff perpendicular (HLP): 16.388Ft  
Upper width (HUW): 1.865Ft  
Three-quarter width (HTW): 3.698Ft  
Half width (HHW): 7.656Ft  
Quarter width (HQW): 11.931Ft  
Foot median: 34.115Ft  
ORC Headsail area: 285.222Ft?  
IRC Headsail area: 284.604Ft?  
Surface area: 286.856Ft?  
Forestay height: 37.400Ft  
J: 12.139Ft

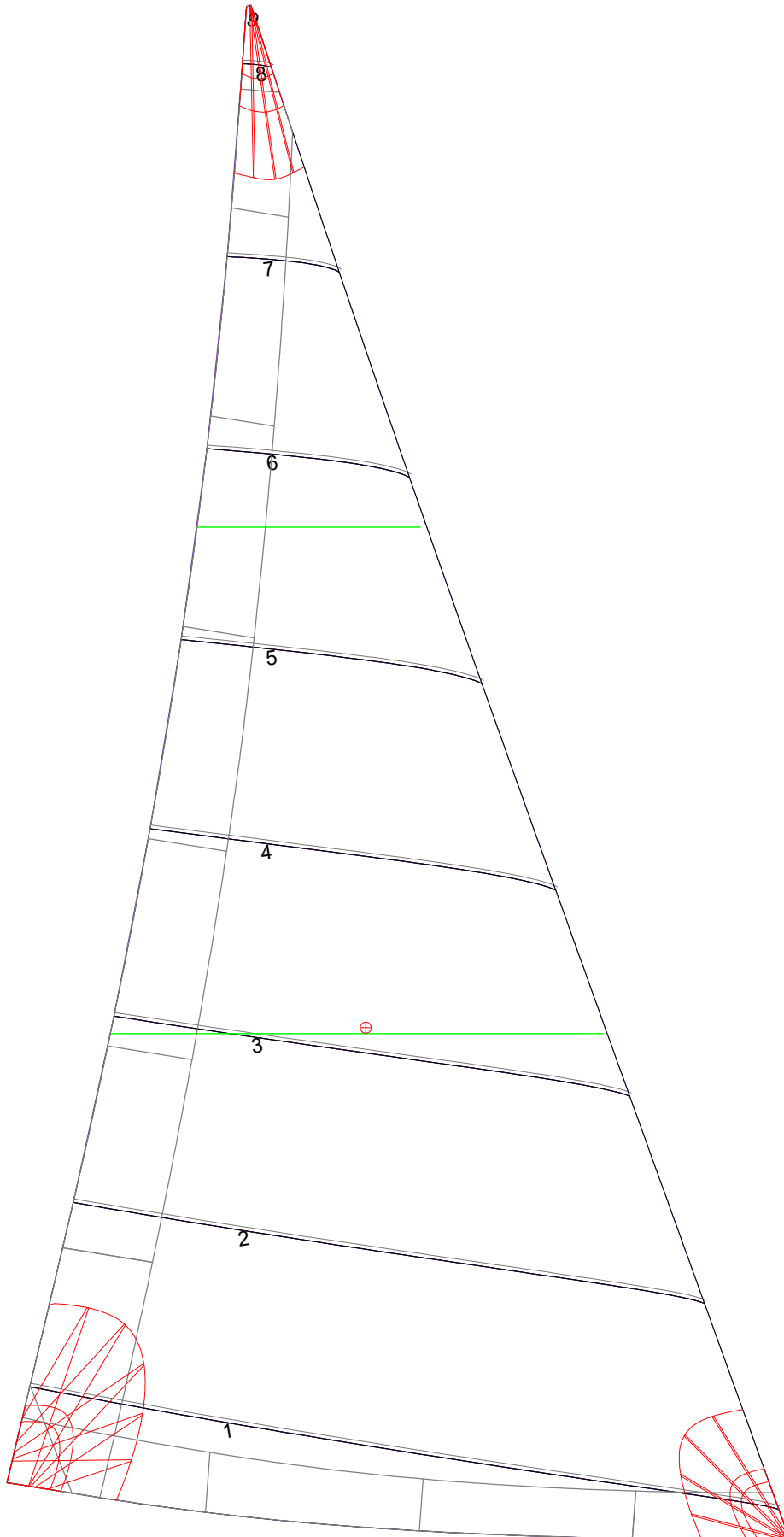
Draft Stripes

1, Luff: 11.957Ft ; Leech: 10.301Ft ;  
2, Luff: 23.892Ft ; Leech: 21.639Ft ;

Luff Curve

		Fanned Luff (@ 5.00% [0.868Ft])	Before BSeam
36.045Ft,	0.000Ft	100% (36.046Ft) :	-0.000Ft 0.000Ft
33.049Ft,	0.120Ft	90% (32.439Ft) :	-0.128Ft 0.004Ft
29.737Ft,	0.218Ft	80% (28.841Ft) :	-0.225Ft 0.019Ft
26.821Ft,	0.268Ft	70% (25.234Ft) :	-0.272Ft 0.049Ft
23.430Ft,	0.287Ft	60% (21.629Ft) :	-0.279Ft 0.088Ft
17.937Ft,	0.252Ft	50% (18.024Ft) :	-0.255Ft 0.122Ft
11.715Ft,	0.171Ft	40% (14.419Ft) :	-0.212Ft 0.139Ft
6.093Ft,	0.085Ft	30% (10.814Ft) :	-0.161Ft 0.130Ft
0.000Ft,	0.000Ft	20% (7.211Ft) :	-0.106Ft 0.108Ft
		10% (3.602Ft) :	-0.052Ft 0.071Ft
		0% (0.000Ft) :	0.000Ft 0.000Ft

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.082Ft	0.082Ft	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	0.230Ft	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	68.86
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (Ft <sup>2</sup> )	Panels
6.03 black	287.65	1,2,3,4,5 6,7,8,9