

Genoa: 7000607 Phil Hunter 28 Jib.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000607 Phil\7000607

Initial Design Date: 8/6/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	33.330Ft
Leech geodesic:	29.399Ft
Foot geodesic:	13.125Ft
Headboard width:	0.016Ft
Luff perpendicular (HLP):	11.549Ft
Upper width (HUW):	1.183Ft
Three-quarter width (HTW):	2.413Ft
Half width (HHW):	5.148Ft
Quarter width (HQW):	8.230Ft
Foot median:	31.098Ft
ORC Headsail area:	180.934Ft?
IRC Headsail area:	180.579Ft?
Surface area:	182.668Ft?
Forestay height:	35.007Ft
J:	10.499Ft

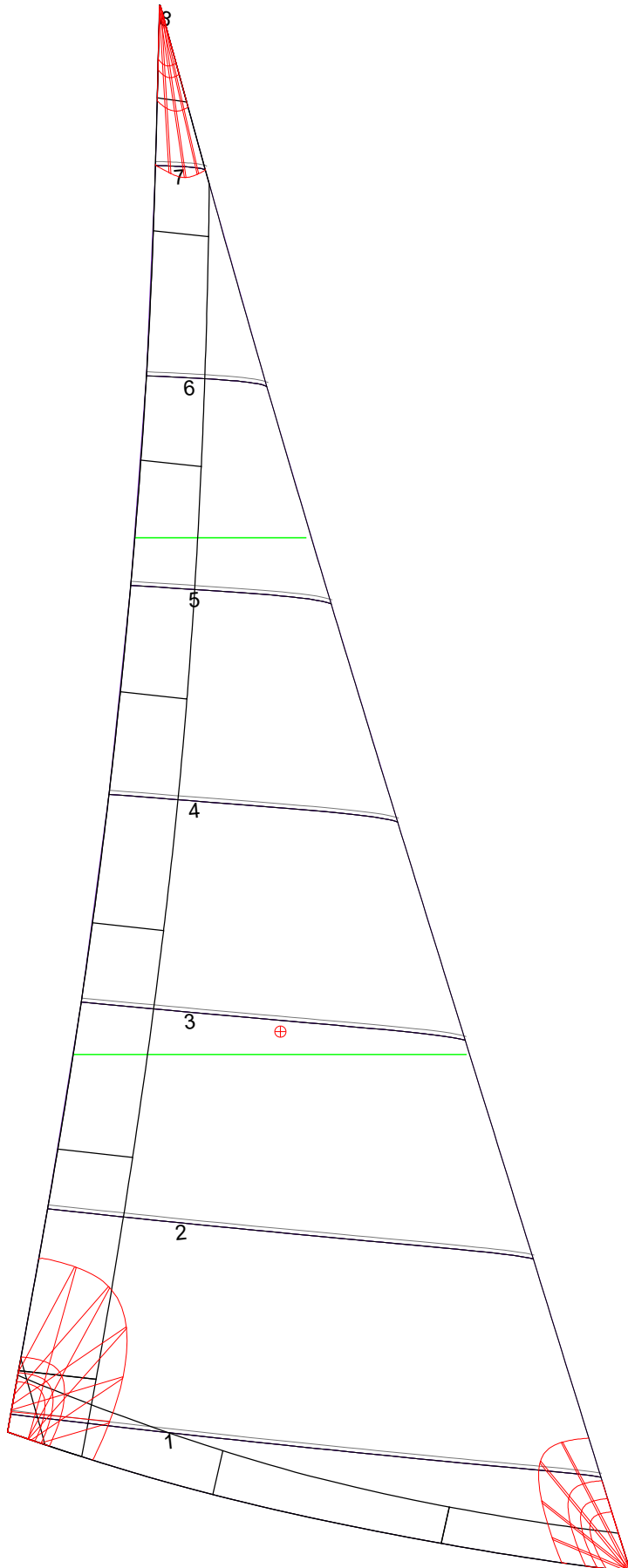
Draft Stripes

- 1, Luff: 11.047Ft ; Leech: 7.858Ft ;
- 2, Luff: 22.076Ft ; Leech: 18.443Ft ;

Luff Curve

		Fanned Luff (@ 5.00% [0.634Ft])	Before BSeam
33.323Ft,	0.000Ft	100% (33.324Ft) :	0.000Ft
30.554Ft,	0.113Ft	90% (29.993Ft) :	-0.127Ft
27.492Ft,	0.204Ft	80% (26.662Ft) :	-0.069Ft
24.796Ft,	0.251Ft	70% (23.329Ft) :	-0.070Ft
21.661Ft,	0.269Ft	60% (19.996Ft) :	-0.054Ft
16.583Ft,	0.236Ft	50% (16.663Ft) :	-0.025Ft
10.830Ft,	0.160Ft	40% (13.331Ft) :	0.004Ft
5.633Ft,	0.080Ft	30% (9.998Ft) :	0.022Ft
0.000Ft,	0.000Ft	20% (6.666Ft) :	-0.097Ft
		10% (3.331Ft) :	-0.048Ft
		0% (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	0.328Ft	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	44.89
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	183.30	1,2,3,4,5 6,7,8