

Genoa: 7000324 Howard 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\7000324 Howard\7000324 H

Initial Design Date: 28/3/2023

Boat:

Client:

Comments:

Design Data

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Genoa

Measurements

Luff geodesic:	33.661Ft
Leech geodesic:	31.481Ft
Foot geodesic:	15.263Ft
Headboard width:	0.098Ft
Luff perpendicular (HLP):	14.280Ft
Upper width (HUW):	1.600Ft
Three-quarter width (HTW):	3.173Ft
Half width (HHW):	6.596Ft
Quarter width (HQW):	10.332Ft
Foot median:	32.154Ft
ORC Headsail area:	230.626Ft?
IRC Headsail area:	230.182Ft?
Surface area:	232.270Ft?
Forestay height:	37.400Ft
J:	10.200Ft

Draft Stripes

1, Luff: 11.152Ft ; Leech: 9.288Ft ;
2, Luff: 22.288Ft ; Leech: 20.200Ft ;

Luff Curve

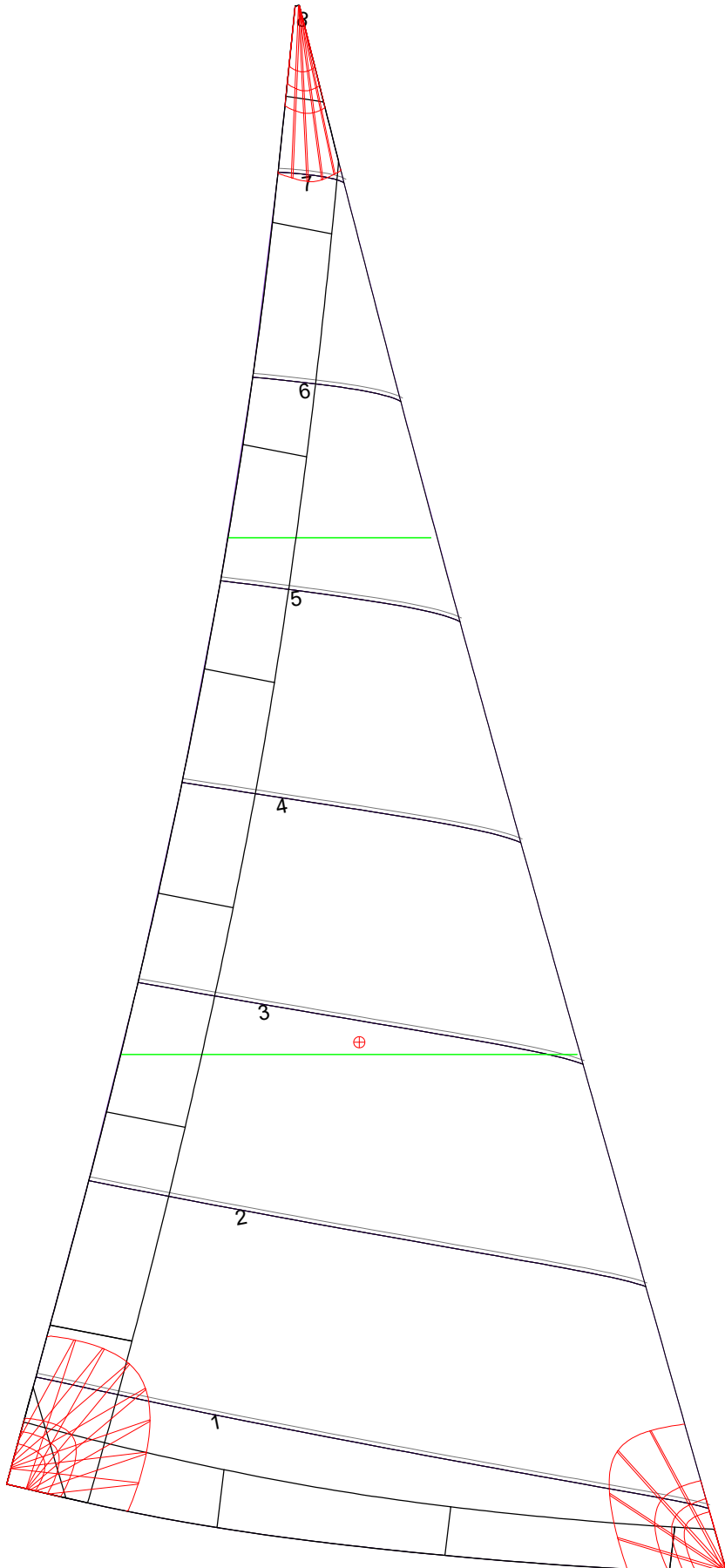
33.654Ft,	0.000Ft
30.858Ft,	0.114Ft
27.765Ft,	0.206Ft
25.042Ft,	0.254Ft
21.876Ft,	0.272Ft
16.748Ft,	0.239Ft
10.938Ft,	0.162Ft
5.689Ft,	0.081Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [0.746Ft])

100% (33.655Ft) :	-0.000Ft	0.000Ft
90% (30.291Ft) :	-0.124Ft	-0.006Ft
80% (26.927Ft) :	-0.215Ft	0.004Ft
70% (23.561Ft) :	-0.261Ft	0.023Ft
60% (20.195Ft) :	-0.268Ft	0.045Ft
50% (16.829Ft) :	-0.246Ft	0.068Ft
40% (13.463Ft) :	-0.204Ft	0.081Ft
30% (10.097Ft) :	-0.155Ft	0.081Ft
20% (6.732Ft) :	-0.103Ft	0.073Ft
10% (3.364Ft) :	-0.051Ft	0.050Ft
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	54.35
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	232.98	1,2,3,4,5 6,7,8