

Genoa: 7000324 Howard HeadsailV1.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:

Comments:

Client:

Design Data

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Genoa

Measurements

Luff geodesic:	33.490Ft
Leech geodesic:	31.329Ft
Foot geodesic:	15.264Ft
Headboard width:	0.098Ft
Luff perpendicular (HLP):	14.281Ft
Upper width (HUW):	1.600Ft
Three-quarter width (HTW):	3.173Ft
Half width (HHW):	6.597Ft
Quarter width (HQW):	10.333Ft
Foot median:	31.988Ft
ORC Headsail area:	229.484Ft?
IRC Headsail area:	229.041Ft?
Surface area:	231.126Ft?
Forestay height:	37.400Ft
J:	10.200Ft

Draft Stripes

1, Luff: 11.096Ft ; Leech: 9.239Ft ;
2, Luff: 22.175Ft ; Leech: 20.101Ft ;

Luff Curve

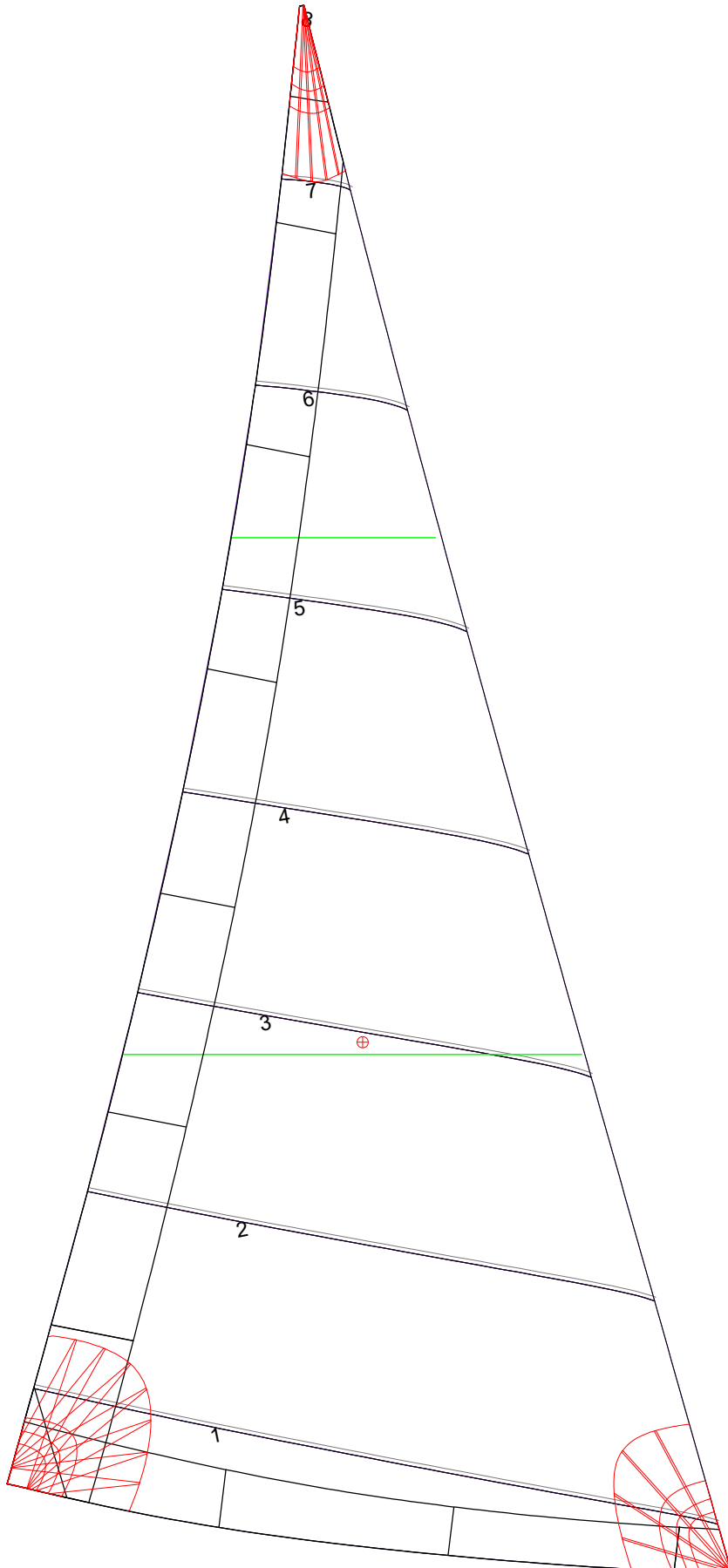
33.483Ft,	0.000Ft
30.701Ft,	0.114Ft
27.624Ft,	0.206Ft
24.915Ft,	0.254Ft
21.765Ft,	0.272Ft
16.663Ft,	0.239Ft
10.882Ft,	0.162Ft
5.660Ft,	0.081Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [0.746Ft])

100% (33.484Ft) :	0.000Ft	-0.000Ft
90% (30.137Ft) :	-0.124Ft	-0.006Ft
80% (26.790Ft) :	-0.216Ft	0.004Ft
70% (23.441Ft) :	-0.262Ft	0.023Ft
60% (20.092Ft) :	-0.270Ft	0.045Ft
50% (16.743Ft) :	-0.248Ft	0.068Ft
40% (13.395Ft) :	-0.207Ft	0.081Ft
30% (10.045Ft) :	-0.157Ft	0.081Ft
20% (6.698Ft) :	-0.104Ft	0.073Ft
10% (3.347Ft) :	-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	55.13
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	231.84	1,2,3,4,5 6,7,8