

Genoa: 7000606 Jeff Hughes29 HeadsailV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000606 Jeff\7000606

Initial Design Date: 7/6/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	9.600m
Leech geodesic:	8.840m
Foot geodesic:	4.953m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.567m
Upper width (HUW):	0.529m
Three-quarter width (HTW):	1.048m
Half width (HHW):	2.157m
Quarter width (HQW):	3.343m
Foot median:	9.047m
ORC Headsail area:	21.293m?
IRC Headsail area:	21.248m?
Surface area:	21.517m?
Forestay height:	10.150m
J:	3.350m

Draft Stripes

- 1, Luff: 3.182m ; Leech: 2.581m ;
- 2, Luff: 6.359m ; Leech: 5.655m ;

Luff Curve

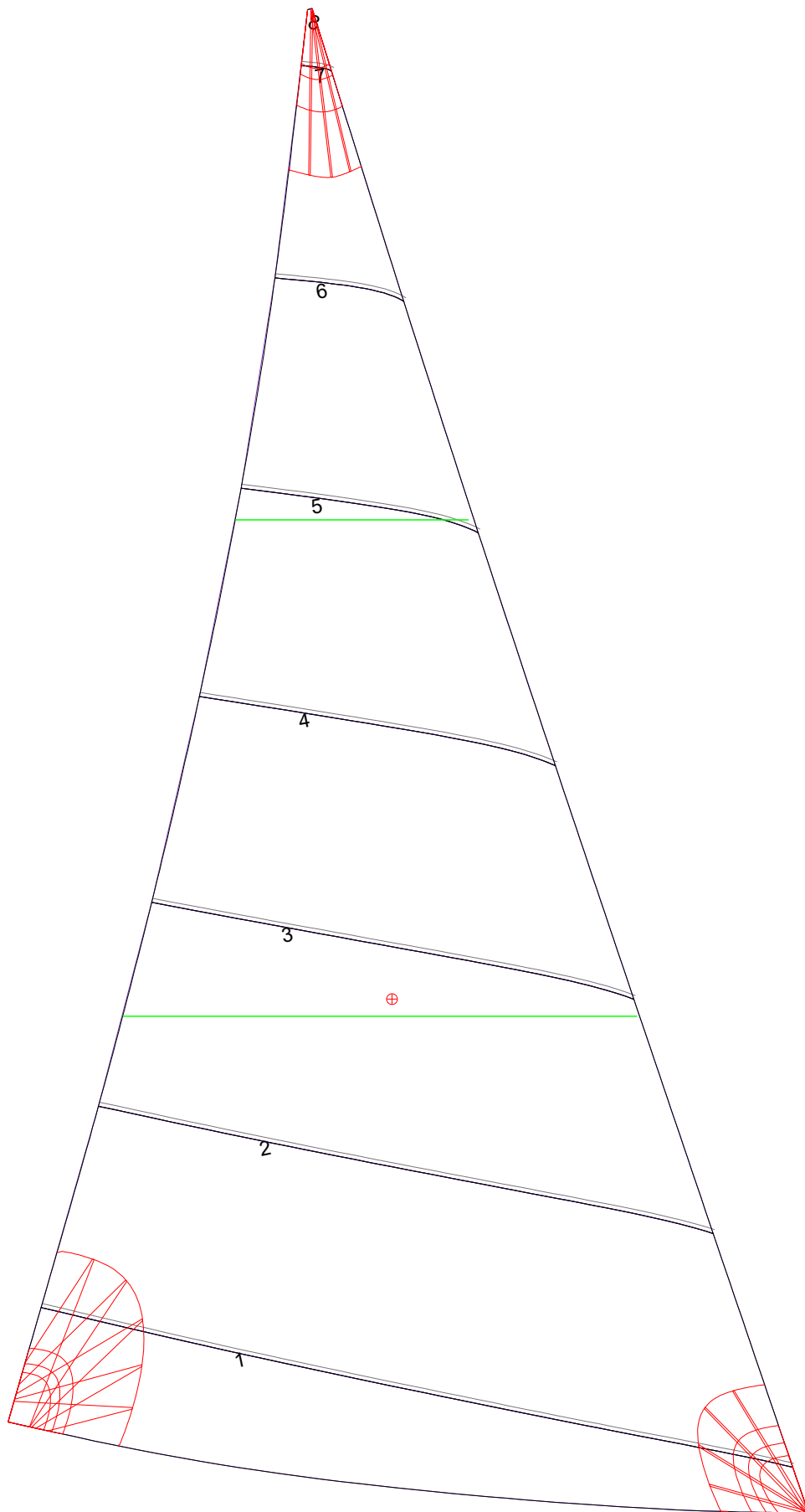
9.598m,	0.000m
8.801m,	0.030m
7.919m,	0.054m
7.142m,	0.066m
6.239m,	0.071m
4.777m,	0.062m
3.119m,	0.042m
1.622m,	0.021m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.243m])

100% (9.599m) :	0.000m	-0.000m
90% (8.639m) :	-0.033m	0.009m
80% (7.680m) :	-0.057m	0.020m
70% (6.719m) :	-0.070m	0.030m
60% (5.760m) :	-0.072m	0.039m
50% (4.800m) :	-0.066m	0.046m
40% (3.840m) :	-0.055m	0.048m
30% (2.880m) :	-0.043m	0.045m
20% (1.920m) :	-0.029m	0.037m
10% (0.959m) :	-0.015m	0.021m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.025m	0.025m	0.025m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	16.82
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	21.56	1,2,3,4,5 6,7,8