

Genoa: 8000534 Eduardo HeadsailV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000534 Eduardo

Initial Design Date: 5/7/2024
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	5.630m
Leech geodesic:	5.300m
Foot geodesic:	2.900m
Headboard width:	0.025m
Luff perpendicular (HLP):	2.720m
Upper width (HUW):	0.315m
Three-quarter width (HTW):	0.622m
Half width (HHW):	1.289m
Quarter width (HQW):	1.993m
Foot median:	5.355m
ORC Headsail area:	7.445m?
IRC Headsail area:	7.428m?
Surface area:	7.495m?
Forestay height:	6.100m
J:	1.980m

Draft Stripes

1, Luff: 2.825m ; Leech: 2.567m ;

Luff Curve

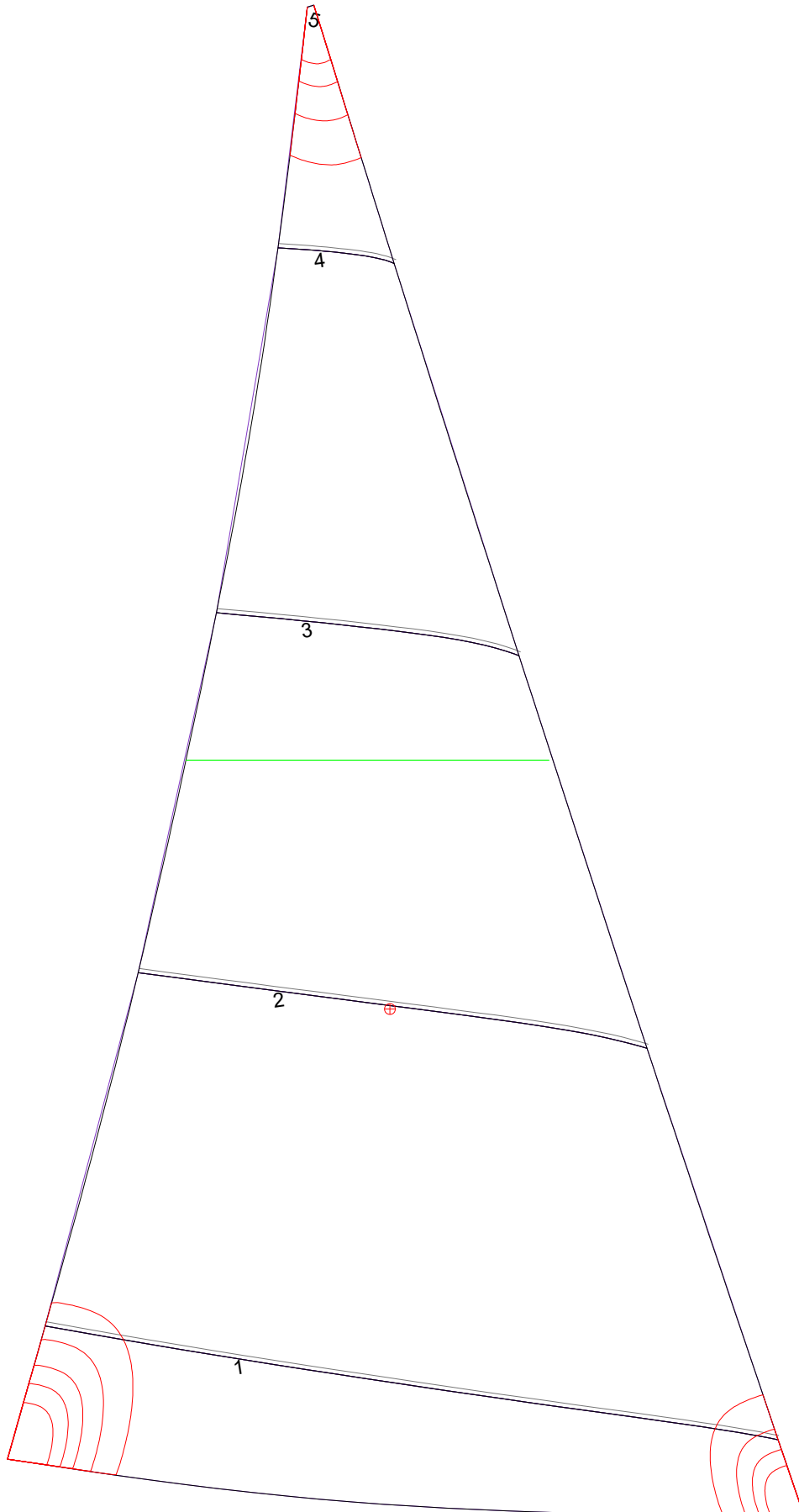
5.629m,	0.000m
4.501m,	0.024m
3.372m,	0.033m
2.246m,	0.030m
1.122m,	0.019m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.141m])

100% (5.629m) :	-0.000m	-0.000m
90% (5.066m) :	-0.012m	0.006m
80% (4.504m) :	-0.023m	0.011m
70% (3.941m) :	-0.031m	0.018m
60% (3.378m) :	-0.034m	0.025m
50% (2.815m) :	-0.034m	0.030m
40% (2.252m) :	-0.032m	0.032m
30% (1.689m) :	-0.028m	0.030m
20% (1.126m) :	-0.021m	0.024m
10% (0.562m) :	-0.011m	0.014m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.015m

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

Total Seam Lengths (m)

Horizontal	6.24
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	7.52	1,2,3,4,5