

Genoa: 7000219 Romain 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\7000219 Romain\7000219 R

Initial Design Date: 28/2/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	11.400m
Leech geodesic:	10.900m
Foot geodesic:	5.665m
Headboard width:	0.033m
Luff perpendicular (HLP):	5.370m
Upper width (HUW):	0.608m
Three-quarter width (HTW):	1.209m
Half width (HHW):	2.508m
Quarter width (HQW):	3.910m
Foot median:	10.986m
ORC Headsail area:	29.542m ²
IRC Headsail area:	29.478m ²
Surface area:	29.839m ²
Forestay height:	11.850m
J:	3.690m

Luff Curve

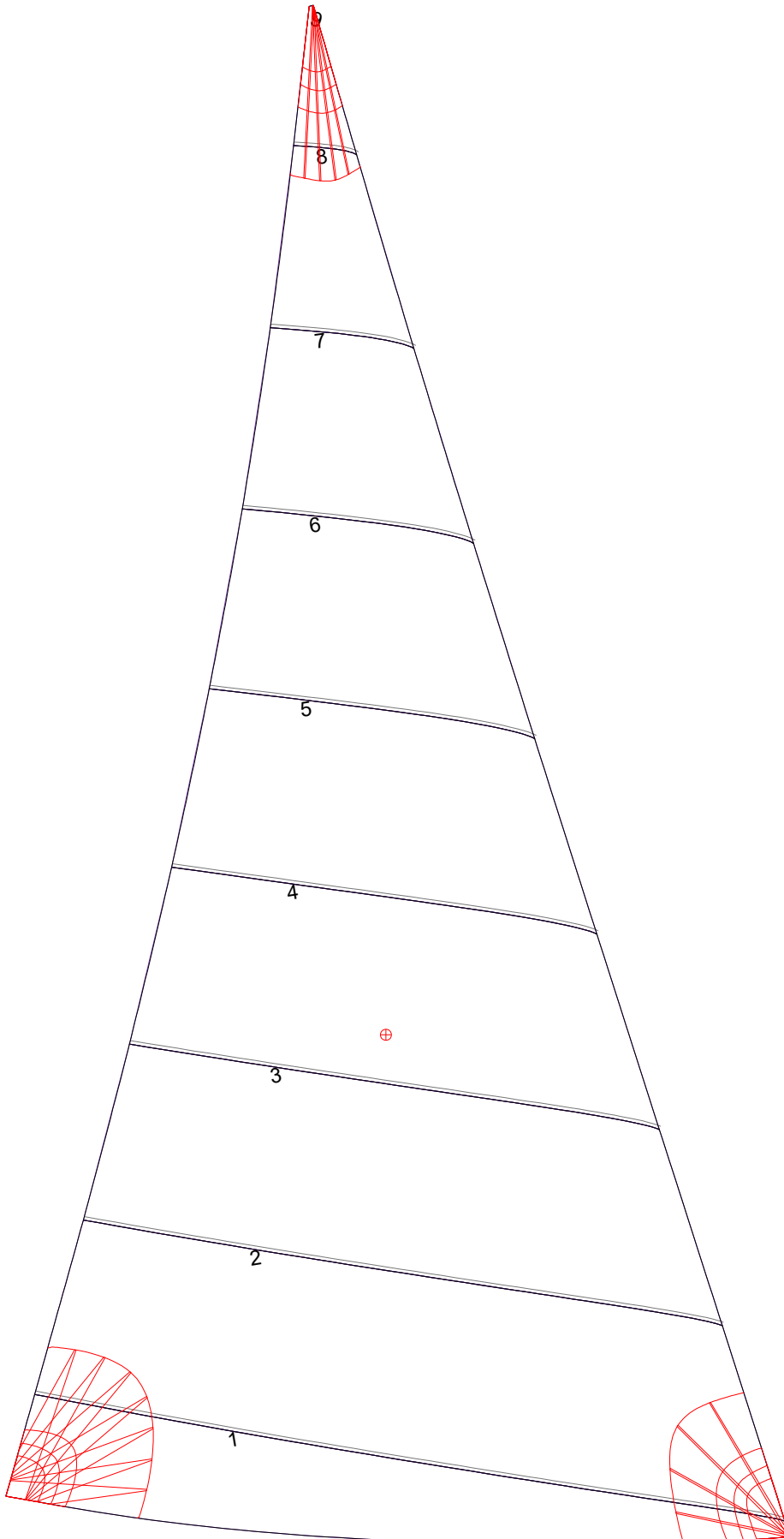
11.398m,	0.000m
10.451m,	0.039m
9.403m,	0.070m
8.481m,	0.086m
7.409m,	0.092m
5.672m,	0.081m
3.704m,	0.055m
1.927m,	0.027m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.279m])

100% (11.398m) :	0.000m	0.000m
90% (10.258m) :	-0.040m	0.001m
80% (9.120m) :	-0.070m	0.005m
70% (7.979m) :	-0.085m	0.015m
60% (6.839m) :	-0.087m	0.027m
50% (5.699m) :	-0.079m	0.038m
40% (4.560m) :	-0.066m	0.043m
30% (3.419m) :	-0.050m	0.040m
20% (2.280m) :	-0.033m	0.034m
10% (1.139m) :	-0.016m	0.022m
0% (0.000m) :	-0.000m	0.000m

Before BSeam

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.025m

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

Total Seam Lengths (m)

Horizontal	23.31
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	29.92	1,2,3,4,5 6,7,8,9