

Genoa: 7000816 Laurent-2 Head.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000816 Laurent\700

Initial Design Date: 23/8/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

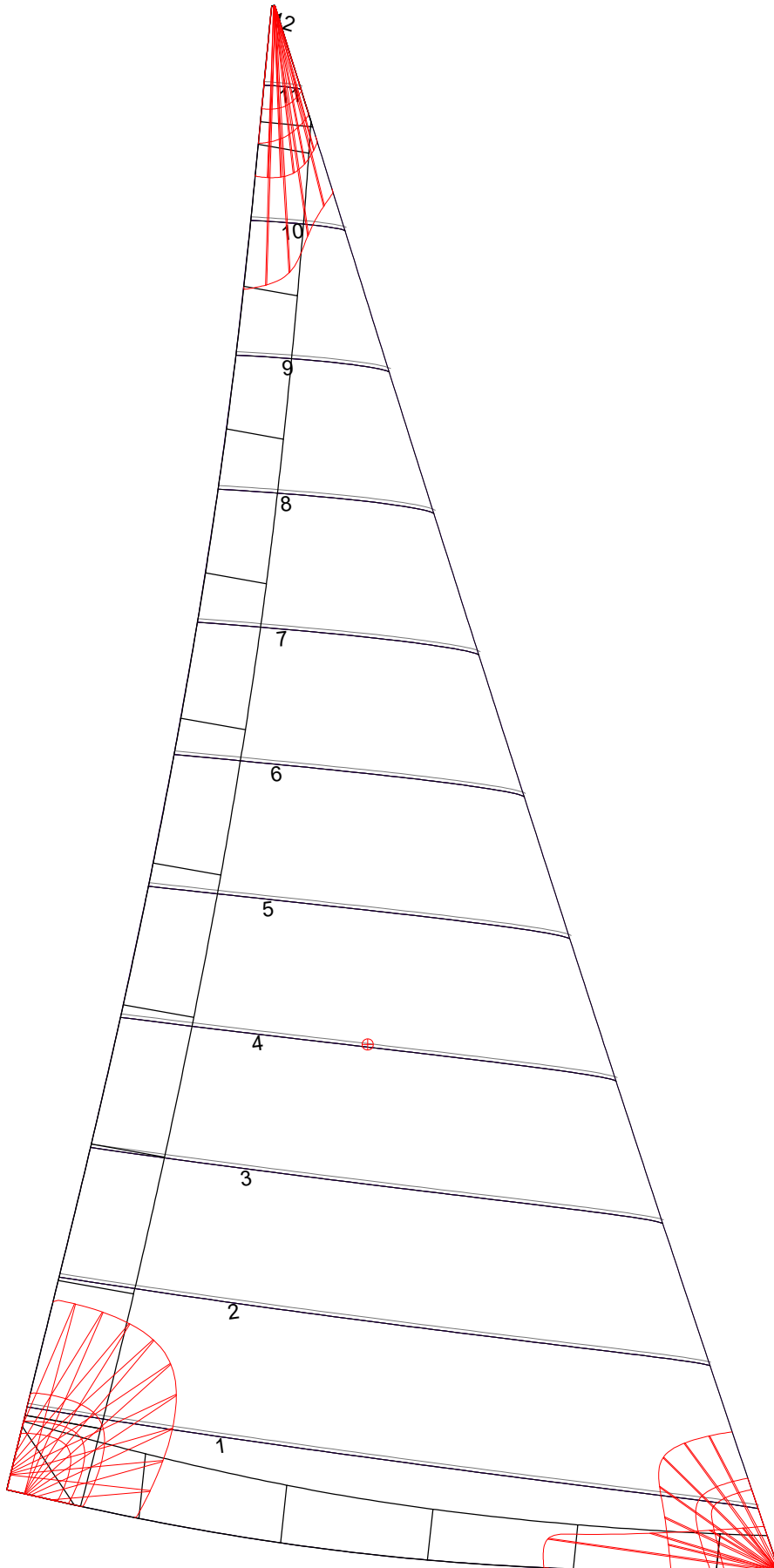
Luff geodesic: 16.137m
Leech geodesic: 14.897m
Foot geodesic: 7.688m
Headboard width: 0.035m
Luff perpendicular (HLP): 7.087m
Upper width (HUW): 0.806m
Three-quarter width (HTW): 1.603m
Half width (HHW): 3.325m
Quarter width (HQW): 5.173m
Foot median: 15.323m
ORC Headsail area: 55.307m?
IRC Headsail area: 55.187m?
Surface area: 55.971m?
Forestay height: 16.300m
J: 5.250m

Luff Curve

16.135m, 0.000m
12.102m, 0.069m
8.069m, 0.092m
4.034m, 0.069m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.379m])
Before BSeam
100% (16.136m) : -0.000m 0.000m
90% (14.521m) : -0.029m 0.010m
80% (12.909m) : -0.055m 0.020m
70% (11.295m) : -0.075m 0.033m
60% (9.682m) : -0.088m 0.042m
50% (8.068m) : -0.092m 0.043m
40% (6.454m) : -0.090m 0.041m
30% (4.840m) : -0.080m 0.034m
20% (3.228m) : -0.061m 0.023m
10% (1.612m) : -0.033m 0.010m
0% (0.000m) : 0.000m 0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.035m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.100m	0.100m	0.100m
Cover 1	0.100m	0.100m	0.100m
Cover 2	0.070m	0.100m	0.070m
Cover 3	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	40.95
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	56.12	1,2,3,4,5 6,7,8,9,10 11,12