

Genoa: 8000712 Claudio-2 Jeanneau43DS FurlGen.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000712 Claudio J

Initial Design Date: 8/8/2024
Boat:
Jeanneau43DS
Client:

Comments:

Design Data
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Genoa

Measurements

Luff geodesic: 15.246m
Leech geodesic: 14.425m
Foot geodesic: 6.353m
Headboard width: 0.045m
Luff perpendicular (HLP): 6.021m
Upper width (HUW): 0.639m
Three-quarter width (HTW): 1.292m
Half width (HHW): 2.772m
Quarter width (HQW): 4.371m
Foot median: 14.677m
ORC Headsail area: 43.884m?
IRC Headsail area: 43.707m?
Surface area: 44.120m?
Forestay height: 15.650m
J: 4.460m

Draft Stripes

1, Luff: 3.827m ; Leech: 3.297m ;
2, Luff: 7.653m ; Leech: 7.012m ;
3, Luff: 11.465m ; Leech: 10.687m ;

Luff Curve

15.243m, 0.000m
13.976m, 0.052m
12.576m, 0.093m
11.342m, 0.115m
9.908m, 0.123m
7.586m, 0.108m
4.954m, 0.073m
2.576m, 0.037m
0.000m, 0.000m

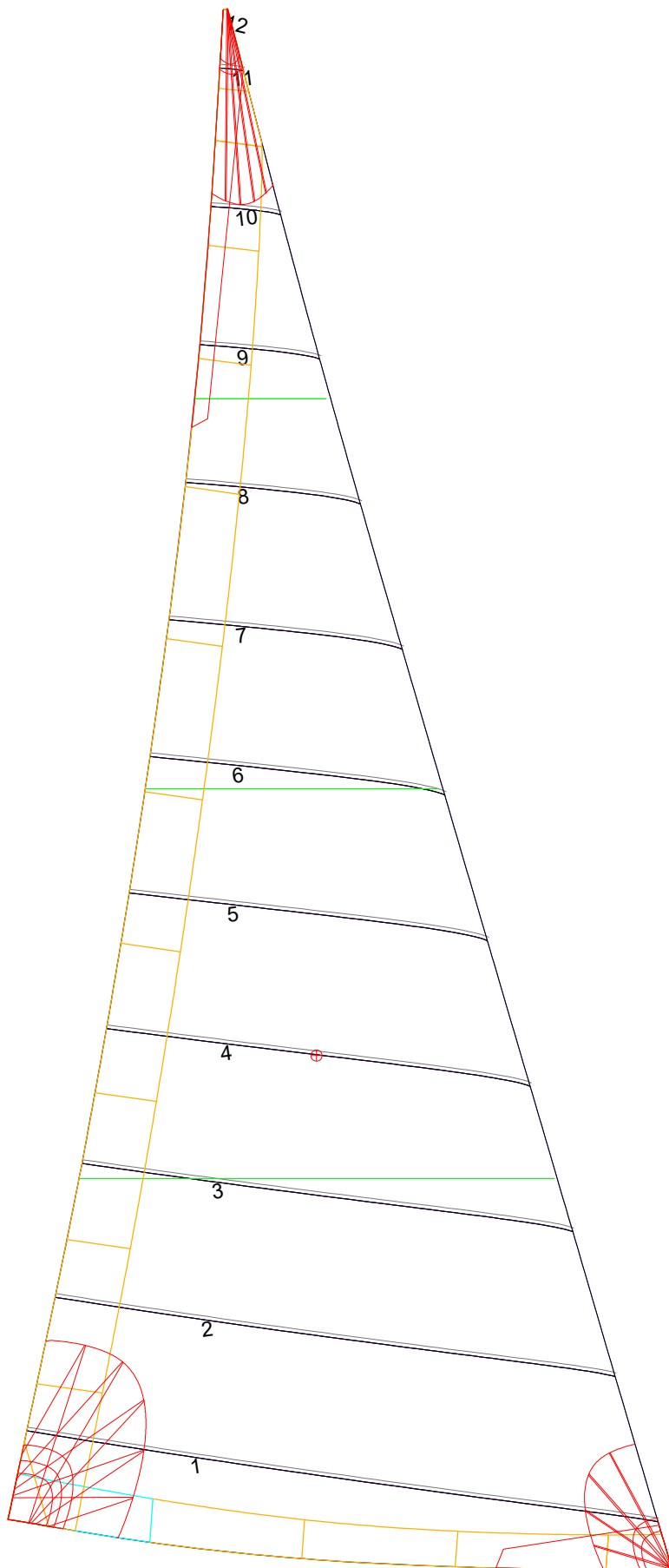
Fanned Luff (@ 5.00% [0.312m])

100% (15.243m) : -0.000m
90% (13.718m) : -0.063m
80% (12.197m) : -0.103m
70% (10.671m) : -0.121m
60% (9.147m) : -0.122m
50% (7.622m) : -0.110m
40% (6.098m) : -0.090m
30% (4.573m) : -0.069m
20% (3.049m) : -0.046m
10% (1.523m) : -0.024m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
-0.027m
-0.034m
-0.022m
0.000m
0.024m
0.044m
0.053m
0.047m
0.025m
0.000m

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Seam Allowances

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

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	33.40
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	44.19	1,2,3,4,5 6,7,8,9,10 11,12