

Genoa: 8000121 Andre-2 Jeanneau Sun Odyssey 44i furlgen.des

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000121 Andre J

Initial Design Date: 19/2/2024
Boat:
Jeanneau Sun Odyssey 44i
Client:

Comments:

Design Data
=====

Genoa

Measurements

Luff geodesic: 16.038m
Leech geodesic: 15.242m
Foot geodesic: 6.108m
Headboard width: 0.045m
Luff perpendicular (HLP): 5.812m
Upper width (HUW): 0.630m
Three-quarter width (HTW): 1.250m
Half width (HHW): 2.636m
Quarter width (HQW): 4.178m
Foot median: 15.507m
ORC Headsail area: 44.304m?
IRC Headsail area: 44.179m?
Surface area: 44.359m?
Forestay height: 16.540m
J: 4.650m

Draft Stripes

1, Luff: 4.026m ; Leech: 3.579m ;
2, Luff: 8.050m ; Leech: 7.474m ;
3, Luff: 12.060m ; Leech: 11.332m ;

Luff Curve

16.035m, 0.000m
14.702m, 0.054m
13.229m, 0.098m
11.932m, 0.121m
10.423m, 0.130m
7.980m, 0.114m
5.211m, 0.077m
2.710m, 0.039m
0.000m, 0.000m

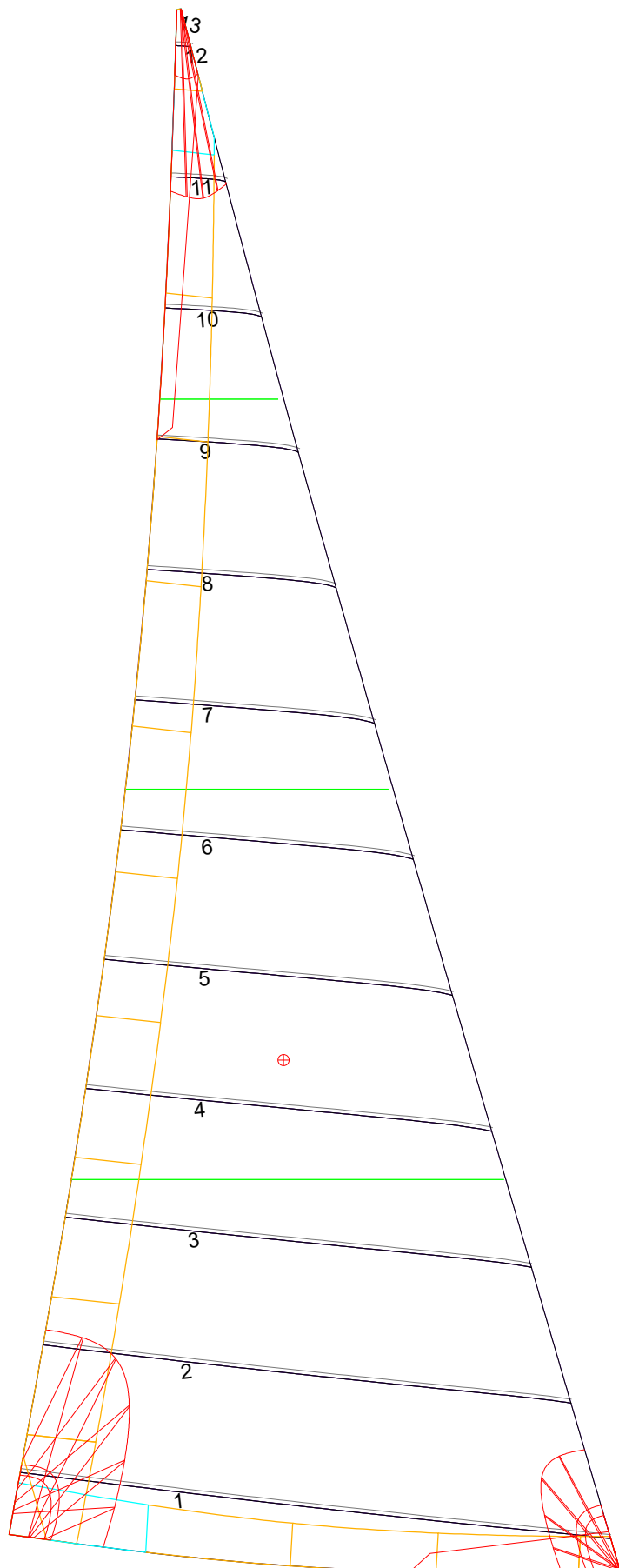
Fanned Luff (@ 5.00% [0.302m])

100% (16.035m) : -0.000m
90% (14.431m) : -0.057m
80% (12.830m) : -0.098m
70% (11.225m) : -0.119m
60% (9.622m) : -0.123m
50% (8.018m) : -0.113m
40% (6.415m) : -0.096m
30% (4.811m) : -0.075m
20% (3.208m) : -0.051m
10% (1.602m) : -0.027m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
-0.017m
-0.023m
-0.017m
-0.004m
0.011m
0.022m
0.028m
0.027m
0.019m
0.000m

Genoa: 8000121 Andre-2 Jeanneau Sun Odyssey 44i furlgen.des



Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.038m	0.038m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	34.67
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	44.48	1,2,3,4,5 6,7,8,9,10 11,12,13