

Genoa: 8000921 Guillaume-2 Jeanneau Sun Odyssey 36i performance He

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000921 Guillaume

Initial Design Date: 25/9/2024
Boat:
Jeanneau Sun Odyssey 36i performance
Client:

Comments:

Design Data
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Genoa

Measurements

Luff geodesic: 13.400m
Leech geodesic: 12.877m
Foot geodesic: 5.688m
Headboard width: 0.035m
Luff perpendicular (HLP): 5.454m
Upper width (HUW): 0.588m
Three-quarter width (HTW): 1.187m
Half width (HHW): 2.531m
Quarter width (HQW): 3.972m
Foot median: 12.988m
ORC Headsail area: 35.083m?
IRC Headsail area: 34.956m?
Surface area: 35.232m?
Forestay height: 14.080m
J: 4.020m

Draft Stripes

1, Luff: 3.360m ; Leech: 3.092m ;
2, Luff: 6.720m ; Leech: 6.359m ;
3, Luff: 10.070m ; Leech: 9.592m ;

Luff Curve

13.399m, 0.000m
12.285m, 0.034m
11.054m, 0.061m
9.970m, 0.075m
8.709m, 0.080m
6.668m, 0.071m
4.355m, 0.048m
2.265m, 0.024m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.280m])

100% (13.399m) : -0.000m
90% (12.058m) : -0.041m
80% (10.720m) : -0.067m
70% (9.379m) : -0.078m
60% (8.040m) : -0.079m
50% (6.700m) : -0.071m
40% (5.360m) : -0.059m
30% (4.020m) : -0.045m
20% (2.680m) : -0.031m
10% (1.339m) : -0.017m
0% (0.000m) : 0.000m

Before BSeam

0.000m
-0.011m
-0.009m
0.005m
0.024m
0.043m
0.056m
0.059m
0.050m
0.027m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
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	0.100m	0.070m
Cover 1	0.000m	0.070m	0.070m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.070m	0.070m	0.100m

Total Seam Lengths (m)

Horizontal	32.85
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	35.29	1,2,3,4,5 6,7,8,9,10 11,12

