

Genoa: 7001108 Wouter Beneteau Oceanis 350 JibV1.des

Design Info

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Design File:

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Initial Design Date: 14/11/2023

Boat:

Comments:

Client:

Design Data

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Genoa

Measurements

Luff geodesic:	11.731m
Leech geodesic:	11.300m
Foot geodesic:	4.251m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.095m
Upper width (HUW):	0.455m
Three-quarter width (HTW):	0.901m
Half width (HHW):	1.882m
Quarter width (HQW):	2.960m
Foot median:	11.418m
ORC Headsail area:	22.997m?
IRC Headsail area:	22.939m?
Surface area:	22.983m?
Forestay height:	12.640m
J:	3.900m

Draft Stripes

1, Luff: 3.884m ; Leech: 3.765m ;
2, Luff: 7.764m ; Leech: 7.465m ;

Luff Curve

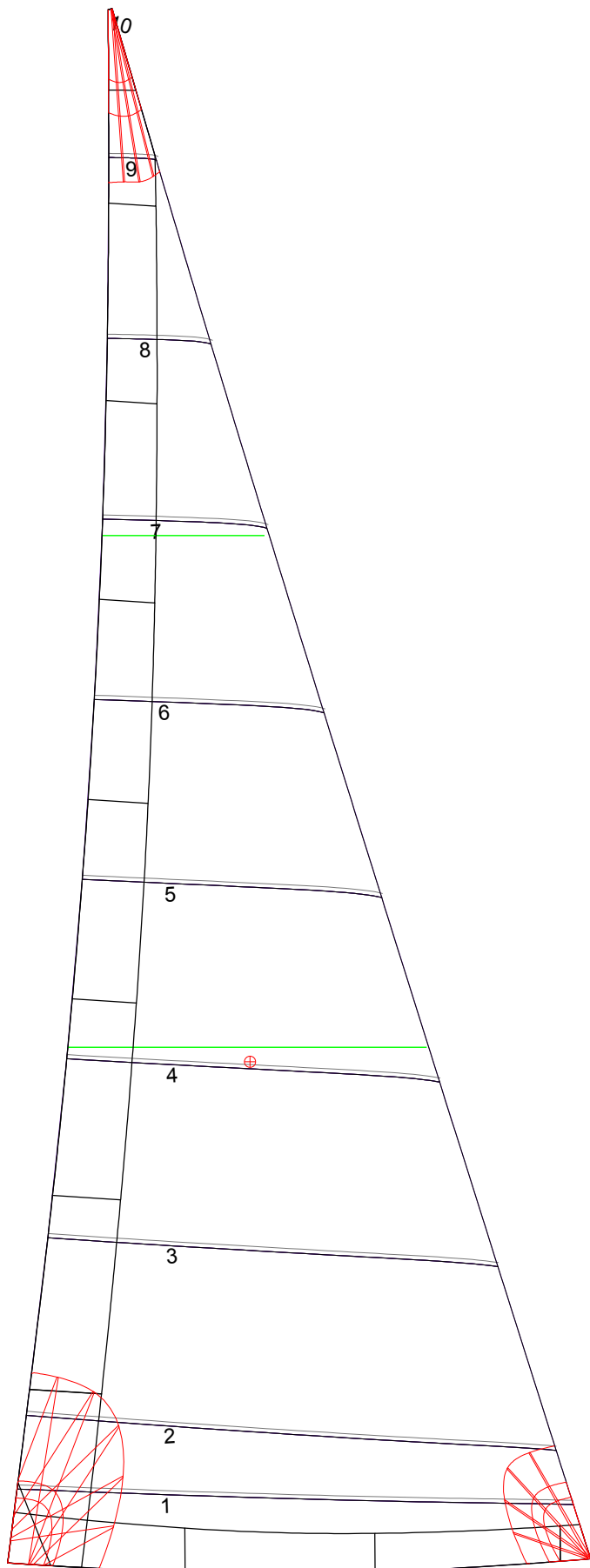
11.730m,	0.000m
10.755m,	0.030m
9.677m,	0.053m
8.728m,	0.066m
7.625m,	0.070m
5.837m,	0.062m
3.812m,	0.042m
1.983m,	0.021m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.211m])

100% (11.730m) :	0.000m	0.000m
90% (10.556m) :	-0.030m	-0.003m
80% (9.385m) :	-0.052m	-0.002m
70% (8.211m) :	-0.063m	0.004m
60% (7.038m) :	-0.066m	0.013m
50% (5.865m) :	-0.062m	0.022m
40% (4.692m) :	-0.053m	0.027m
30% (3.519m) :	-0.042m	0.028m
20% (2.346m) :	-0.029m	0.025m
10% (1.172m) :	-0.015m	0.016m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.030m	0.030m	0.030m
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	20.57
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	23.05	1,2,3,4,5 6,7,8,9,10