

Genoa: 7001229 Taso-2 Beneteau Oceanis 37 furlgen.des

Design Info

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Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\7001229 Taso Ber

Initial Design Date: 29/5/2024

Boat:

Beneteau Oceanis 37

Client:

Comments:

Design Data

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Genoa

Measurements

Luff geodesic:	13.345m
Leech geodesic:	12.829m
Foot geodesic:	6.448m
Headboard width:	0.045m
Luff perpendicular (HLP):	6.143m
Upper width (HUW):	0.665m
Three-quarter width (HTW):	1.332m
Half width (HHW):	2.862m
Quarter width (HQW):	4.478m
Foot median:	12.883m
ORC Headsail area:	39.396m?
IRC Headsail area:	39.258m?
Surface area:	39.663m?
Forestay height:	13.980m
J:	4.550m

Draft Stripes

1, Luff: 3.352m ; Leech: 3.150m ;
2, Luff: 6.703m ; Leech: 6.383m ;
3, Luff: 10.040m ; Leech: 9.571m ;

Luff Curve

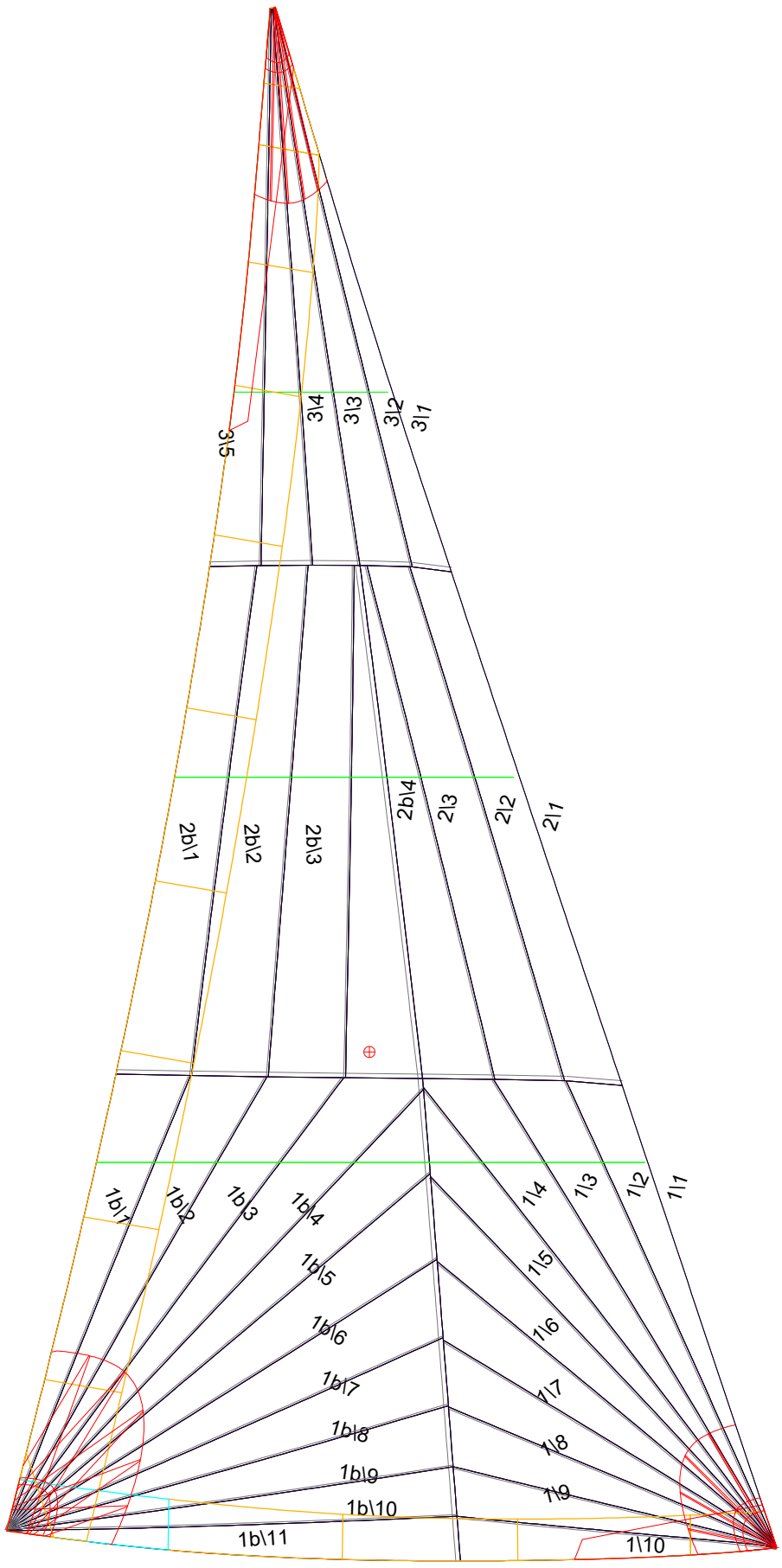
13.342m,	0.000m
12.234m,	0.045m
11.008m,	0.082m
9.928m,	0.101m
8.673m,	0.108m
6.640m,	0.095m
4.336m,	0.064m
2.255m,	0.032m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.317m])

100% (13.342m) :	0.000m	-0.000m
90% (12.007m) :	-0.051m	-0.018m
80% (10.676m) :	-0.094m	-0.027m
70% (9.340m) :	-0.110m	-0.010m
60% (8.006m) :	-0.108m	0.018m
50% (6.672m) :	-0.097m	0.040m
40% (5.337m) :	-0.080m	0.052m
30% (4.003m) :	-0.061m	0.053m
20% (2.669m) :	-0.041m	0.044m
10% (1.333m) :	-0.021m	0.023m
0% (0.000m) :	-0.000m	0.000m

Before BSeam

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3	0.038m	0.015m	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

	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	6.48
Radial/Vertical	116.46
Bi-Radial Split	8.47

Materials

Material	Area (m ²)	Panels
Material 1	39.74	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 1b\11,2\1,2\2,2\3,2b\4 2b\3,2b\2,2b\1,3\1,3\2 3\3,3\4,3\5