

Genoa: 7000529 Justin-2 Beneteau Oceanis 343 Genoa.des

Design Info

=====

Initial Design Date: 29/11/2009
Boat:
BAVARIA 36 FURLER GENOA
Client:

Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000529 Justin\7000529

Comments:

Design Data

=====

Genoa

Measurements

Luff geodesic:	12.440m
Leech geodesic:	11.909m
Foot geodesic:	5.178m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.950m
Upper width (HUW):	0.548m
Three-quarter width (HTW):	1.080m
Half width (HHW):	2.258m
Quarter width (HQW):	3.572m
Foot median:	12.087m
ORC Headsail area:	29.384m?
IRC Headsail area:	29.298m?
Surface area:	29.540m?
Forestay height:	13.240m
J:	3.900m

Draft Stripes

1, Luff: 3.122m ; Leech: 2.936m ;
2, Luff: 6.236m ; Leech: 5.932m ;
3, Luff: 9.341m ; Leech: 8.898m ;

Luff Curve

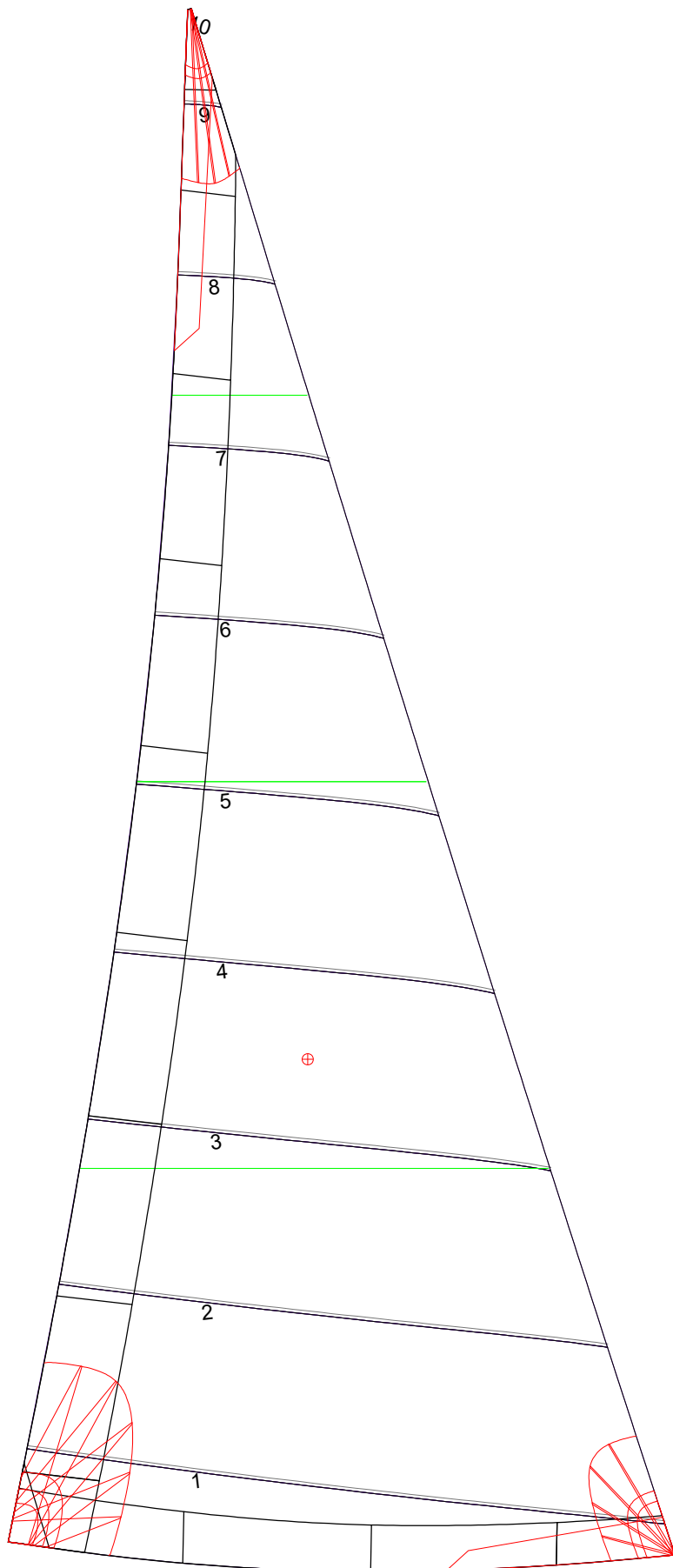
12.439m,	0.000m
9.330m,	0.038m
6.220m,	0.050m
3.110m,	0.038m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.256m])

100% (12.439m) :	-0.000m	0.000m
90% (11.195m) :	-0.016m	0.009m
80% (9.952m) :	-0.032m	0.019m
70% (8.707m) :	-0.044m	0.027m
60% (7.464m) :	-0.051m	0.035m
50% (6.220m) :	-0.054m	0.041m
40% (4.976m) :	-0.053m	0.045m
30% (3.731m) :	-0.048m	0.045m
20% (2.488m) :	-0.037m	0.038m
10% (1.243m) :	-0.021m	0.020m
0% (0.000m) :	0.000m	0.000m

Before BSeam

Genoa: 7000529 Justin-2 Beneteau Oceanis 343 Genoa.des



Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
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	22.88
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	29.63	1,2,3,4,5 6,7,8,9,10