

Genoa: 7000529 Justin-2 Beneteau Oceanis 343 GenoaV1.des Fareast /Michael

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000529 Justin\7000529

Comments:

Initial Design Date: 9/6/2023
Boat:
Beneteau Oceanis343 Genoa
Client:
Fareast /Michael

Design Data
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Genoa

Measurements

Luff geodesic:	12.440m
Leech geodesic:	12.315m
Foot geodesic:	5.626m
Headboard width:	0.030m
Luff perpendicular (HLP):	5.460m
Upper width (HUW):	0.605m
Three-quarter width (HTW):	1.198m
Half width (HHW):	2.535m
Quarter width (HQW):	4.018m
Foot median:	12.249m
ORC Headsail area:	32.767m?
IRC Headsail area:	32.542m?
Surface area:	32.884m?
Forestay height:	13.240m
J:	3.900m

Draft Stripes

1, Luff: 3.124m ; Leech: 3.311m ;
2, Luff: 6.247m ; Leech: 6.324m ;
3, Luff: 9.358m ; Leech: 9.302m ;

Luff Curve

12.438m,	0.000m
11.404m,	0.042m
10.261m,	0.076m
9.255m,	0.094m
8.085m,	0.101m
6.189m,	0.088m
4.042m,	0.060m
2.102m,	0.030m
0.000m,	0.000m

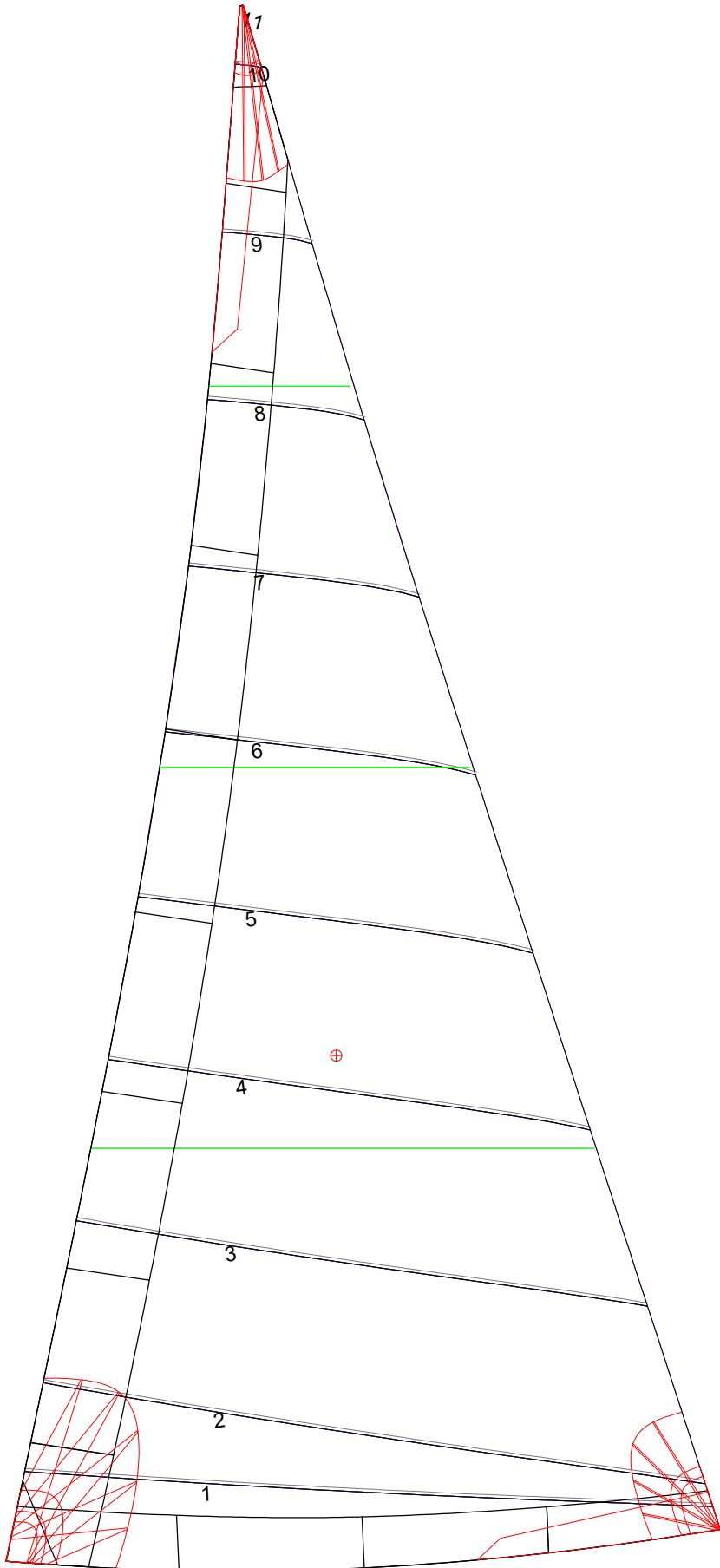
Fanned Luff (@ 5.00% [0.280m])

100% (12.438m) :	0.000m
90% (11.192m) :	-0.041m
80% (9.952m) :	-0.080m
70% (8.707m) :	-0.102m
60% (7.463m) :	-0.104m
50% (6.219m) :	-0.093m
40% (4.975m) :	-0.077m
30% (3.731m) :	-0.061m
20% (2.488m) :	-0.043m
10% (1.243m) :	-0.023m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.009m
-0.017m
-0.015m
-0.002m
0.017m
0.036m
0.043m
0.030m
0.010m
0.000m

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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	29.29
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	33.08	1,2,3,4,5 6,7,8,9,10 11