

Genoa: 7000529 Justin-2 Beneteau Oceanis 343 GenoaV2.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:	11.839m
Foot geodesic:	5.736m
Headboard width:	0.030m
Luff perpendicular (HLP):	5.429m
Upper width (HUW):	0.600m
Three-quarter width (HTW):	1.185m
Half width (HHW):	2.492m
Quarter width (HQW):	3.943m
Foot median:	11.995m
ORC Headsail area:	32.339m?
IRC Headsail area:	32.207m?
Surface area:	32.471m?
Forestay height:	13.240m
J:	3.900m

Draft Stripes

1, Luff: 3.124m ; Leech: 2.787m ;
2, Luff: 6.247m ; Leech: 5.812m ;
3, Luff: 9.357m ; Leech: 8.799m ;

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% [0.283m])

100% (12.438m) :	0.000m	-0.000m
90% (11.193m) :	-0.042m	-0.009m
80% (9.952m) :	-0.081m	-0.017m
70% (8.707m) :	-0.103m	-0.015m
60% (7.463m) :	-0.105m	-0.002m
50% (6.219m) :	-0.094m	0.018m
40% (4.975m) :	-0.079m	0.037m
30% (3.731m) :	-0.062m	0.046m
20% (2.488m) :	-0.044m	0.034m
10% (1.243m) :	-0.024m	0.012m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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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	30.05
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	32.66	1,2,3,4,5 6,7,8,9,10 11

