

Genoa: 8000403 Sander 95%staysail.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000403 Sander h

Initial Design Date: 11/4/2024
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	10.990m
Leech geodesic:	9.938m
Foot geodesic:	2.955m
Headboard width:	0.040m
Luff perpendicular (HLP):	2.613m
Upper width (HUW):	0.294m
Three-quarter width (HTW):	0.565m
Half width (HHW):	1.176m
Quarter width (HQW):	1.868m
Foot median:	10.433m
ORC Headsail area:	13.633m?
IRC Headsail area:	13.594m?
Surface area:	13.651m?
Forestay height:	11.800m
J:	2.750m

Draft Stripes

- 1, Luff: 3.636m ; Leech: 2.756m ;
- 2, Luff: 7.268m ; Leech: 6.286m ;

Luff Curve

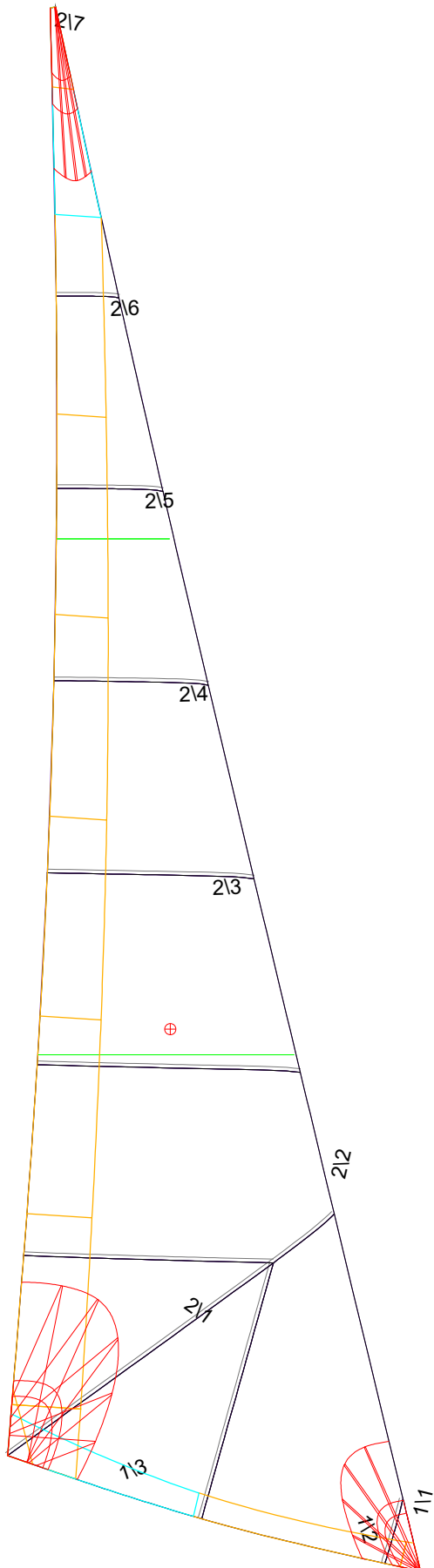
10.989m,	0.000m
10.076m,	0.028m
9.066m,	0.050m
8.177m,	0.062m
7.143m,	0.066m
5.468m,	0.058m
3.571m,	0.039m
1.857m,	0.020m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.141m])

100% (10.989m) :	0.000m	-0.000m
90% (9.891m) :	-0.031m	-0.011m
80% (8.791m) :	-0.053m	-0.015m
70% (7.693m) :	-0.064m	-0.013m
60% (6.594m) :	-0.066m	-0.006m
50% (5.495m) :	-0.061m	0.001m
40% (4.396m) :	-0.052m	0.008m
30% (3.297m) :	-0.041m	0.011m
20% (2.198m) :	-0.028m	0.012m
10% (1.099m) :	-0.015m	0.009m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
Zone: 2	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

	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	10.28
Radial/Vertical	2.33
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	13.70	1\1,1\2,1\3,2\1,2\2 2\3,2\4,2\5,2\6,2\7