

Genoa: 6001215 Stuart Beneteau sense50 Furljib.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\6001215 Stuart\6001215

Initial Design Date: 6/5/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	19.036m
Leech geodesic:	17.455m
Foot geodesic:	7.009m
Headboard width:	0.033m
Luff perpendicular (HLP):	6.457m
Upper width (HUW):	0.668m
Three-quarter width (HTW):	1.343m
Half width (HHW):	2.900m
Quarter width (HQW):	4.617m
Foot median:	18.111m
ORC Headsail area:	57.958m ²
IRC Headsail area:	57.814m ²
Surface area:	58.188m ²
Forestay height:	19.830m
J:	6.150m

Draft Stripes

1, Luff: 4.780m ; Leech: 3.752m ;
2, Luff: 9.559m ; Leech: 8.319m ;
3, Luff: 14.319m ; Leech: 12.847m ;

Luff Curve

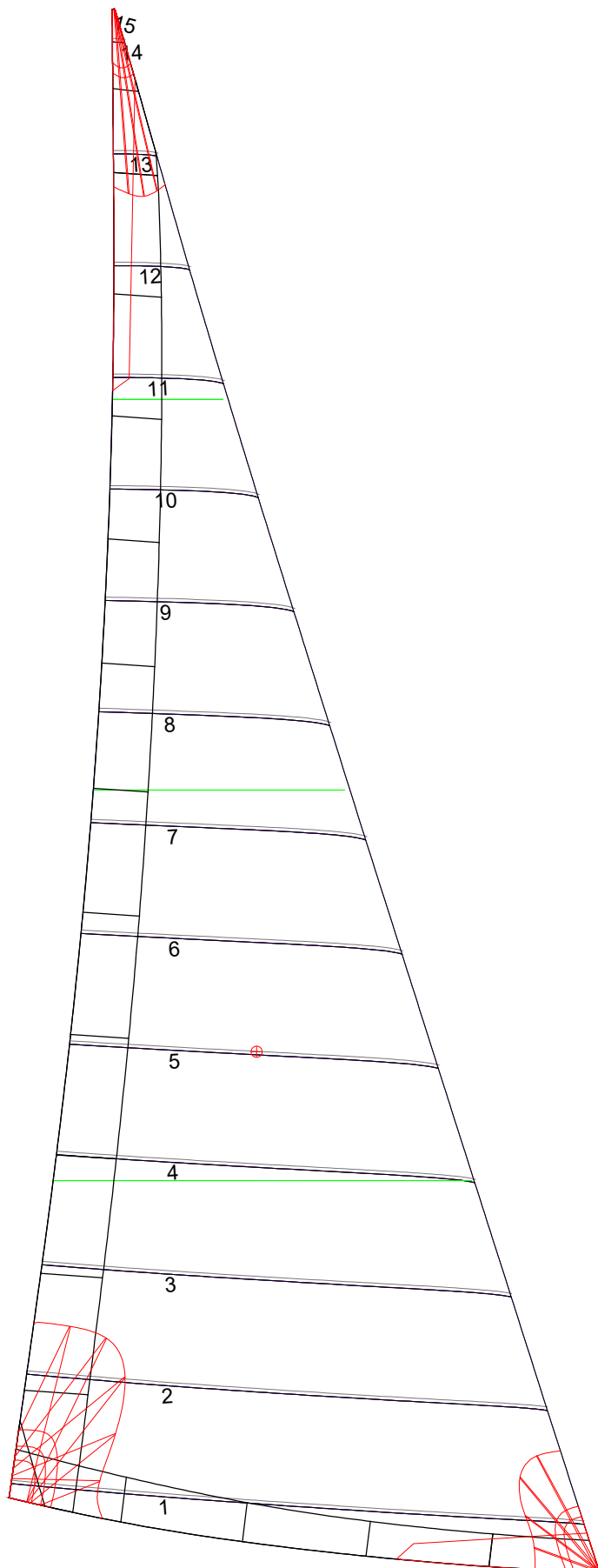
19.032m,	0.000m
17.451m,	0.065m
15.702m,	0.117m
14.162m,	0.144m
12.371m,	0.154m
9.471m,	0.135m
6.185m,	0.092m
3.217m,	0.046m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.343m])

100% (19.032m) :	0.000m	-0.000m
90% (17.129m) :	-0.071m	-0.023m
80% (15.228m) :	-0.130m	-0.035m
70% (13.324m) :	-0.156m	-0.021m
60% (11.421m) :	-0.155m	0.005m
50% (9.517m) :	-0.141m	0.023m
40% (7.614m) :	-0.118m	0.035m
30% (5.710m) :	-0.091m	0.042m
20% (3.807m) :	-0.061m	0.042m
10% (1.902m) :	-0.031m	0.027m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.040m	0.040m	0.040m
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

Sail:	Luff	Leech	Foot
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	45.75
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	58.34	1,2,3,4,5 6,7,8,9,10 11,12,13,14,15