

Genoa: 6000429-Santana20 Head-2.des

Design Info
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Design File:
C:\Users\Administrator\Desktop\6000429-Santana20 Head-2.des

Initial Design Date: 29/1/2013
Boat:
Santana 20
Client:

Comments:

Design Data
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Genoa

Measurements

Luff geodesic:	7.400m
Leech geodesic:	7.061m
Foot geodesic:	3.922m
Headboard width:	0.045m
Luff perpendicular (HLP):	3.710m
Upper width (HUW):	0.453m
Three-quarter width (HTW):	0.876m
Half width (HHW):	1.774m
Quarter width (HQW):	2.733m
Foot median:	7.116m
ORC Headsail area:	13.438m?
IRC Headsail area:	13.420m?
Surface area:	13.655m?
Forestay height:	7.468m
J:	2.469m

Draft Stripes

1, Luff: 2.452m ; Leech: 2.253m ;
2, Luff: 4.896m ; Leech: 4.621m ;

Luff Slides

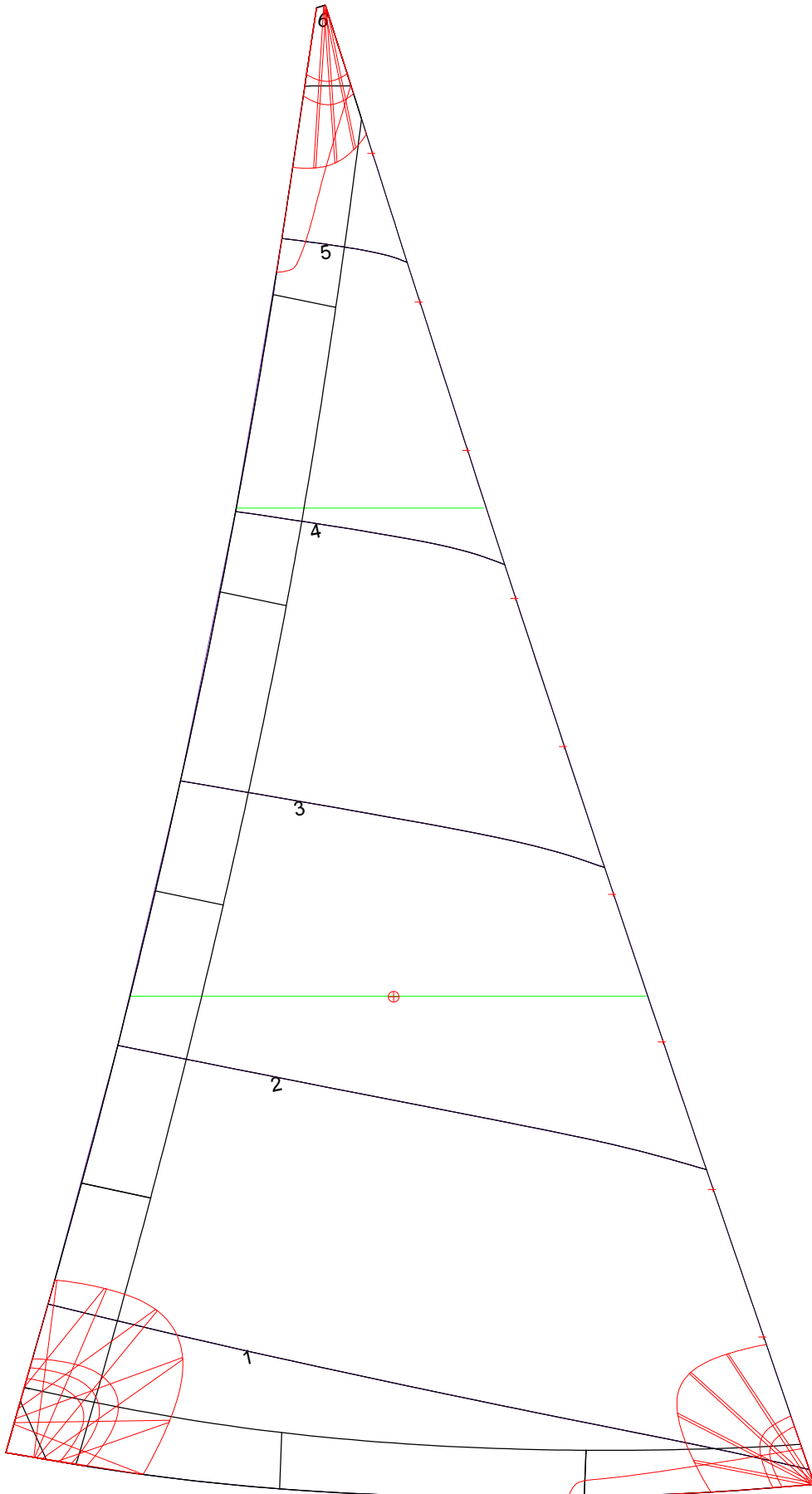
1, Position: 0.740m
2, Position: 1.480m
3, Position: 2.220m
4, Position: 2.960m
5, Position: 3.700m
6, Position: 4.440m
7, Position: 5.180m
8, Position: 5.920m
9, Position: 6.660m

Luff Curve

7.399m,	0.000m
5.915m,	0.024m
4.431m,	0.038m
2.951m,	0.035m
1.474m,	0.020m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.192m])	Before BSeam
100% (7.399m) :	-0.000m
90% (6.659m) :	-0.012m
80% (5.920m) :	-0.024m
70% (5.180m) :	-0.033m
60% (4.440m) :	-0.039m
50% (3.700m) :	-0.039m
40% (2.960m) :	-0.036m
30% (2.220m) :	-0.030m
20% (1.480m) :	-0.022m
10% (0.739m) :	-0.012m
0% (0.000m) :	0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.050m	0.050m	0.025m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.100m	0.070m
Cover 1	0.070m	0.100m	0.070m
Cover 2	0.070m	0.100m	0.070m
Cover 3	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	10.96
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	13.72	1,2,3,4,5 6