

Genoa: 4000132 Chris headsail R1

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2020\4000132 Chris\4000132 Chris headsail R1.des

Initial Design Date: 4/2/2020
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	12.000m
Leech geodesic:	11.143m
Foot geodesic:	5.000m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.663m
Upper width (HUW):	0.506m
Three-quarter width (HTW):	1.012m
Half width (HHW):	2.166m
Quarter width (HQW):	3.392m
Foot median:	11.476m
ORC Headsail Area:	26.836m?
IRC Headsail Area:	26.773m?
Surface Area:	27.101m?

Luff Curve

11.998m,	0.000m
11.001m,	0.035m
9.899m,	0.064m
8.928m,	0.078m
7.799m,	0.084m
5.971m,	0.073m
3.899m,	0.050m
2.028m,	0.025m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0. Before BSeam

100% (11.998m) :	0.000m	0.000m
90% (10.798m) :	-0.039m	-0.010m
80% (9.600m) :	-0.072m	-0.013m
70% (8.399m) :	-0.086m	0.001m
60% (7.199m) :	-0.086m	0.022m
50% (5.999m) :	-0.079m	0.038m
40% (4.800m) :	-0.067m	0.044m
30% (3.599m) :	-0.052m	0.042m
20% (2.400m) :	-0.036m	0.033m
10% (1.199m) :	-0.019m	0.017m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m

Edge Excesses

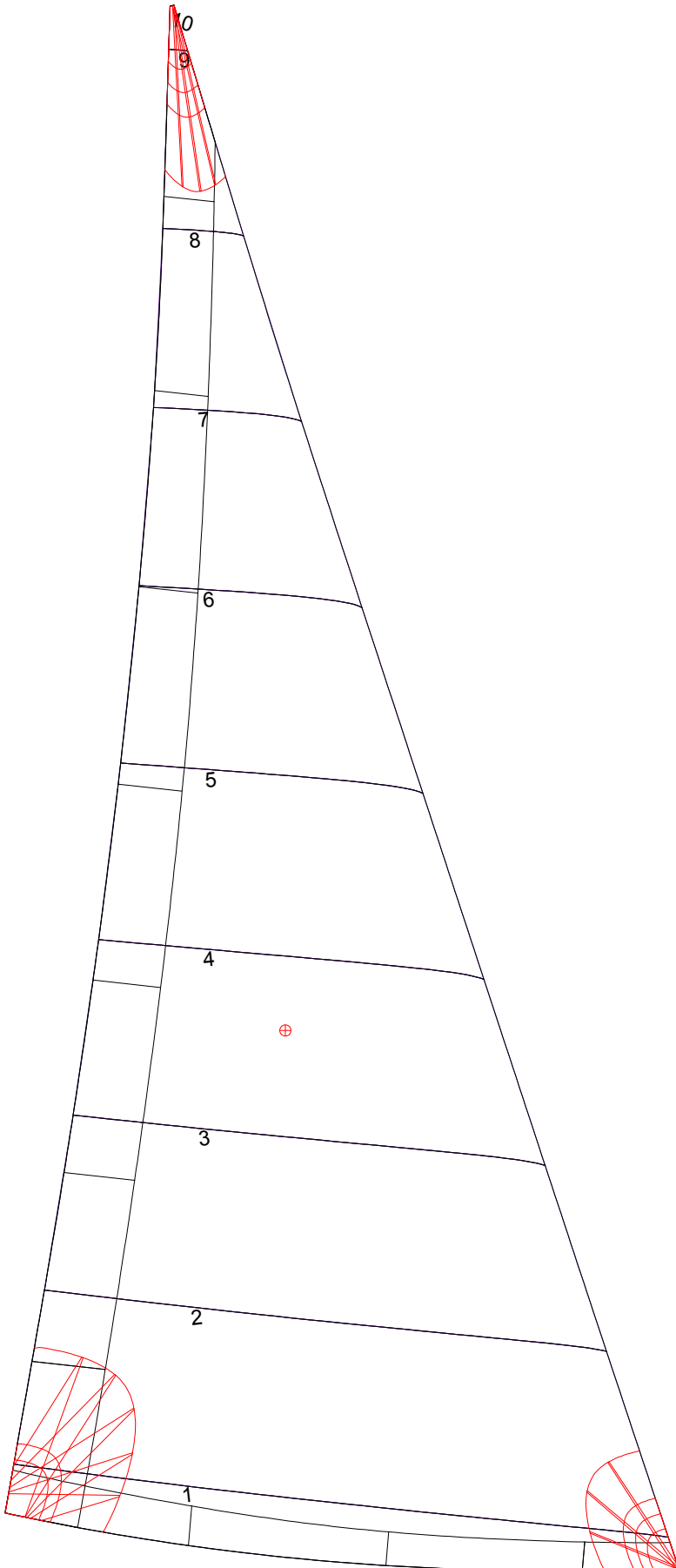
	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.070m	0.070m
Cover 1	0.070m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	0.00
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	27.18	1,2,3,4,5 6,7,8,9,10



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