

Genoa: 4001205 Jimmy headsail R1.des

Design Info

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Design File:

F:\Dropbox (个人)\Fareast Sails\2020\4001205 Jimmy\4001205 Jimmy headsail R1.des

Initial Design Date: 8/12/2020
Boat:

Comments:

Client:

Design Data

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Genoa

Measurements

Luff geodesic:	11.278m
Leech geodesic:	10.470m
Foot geodesic:	5.850m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.349m
Upper width (HUW):	0.581m
Three-quarter width (HTW):	1.148m
Half width (HHW):	2.436m
Quarter width (HQW):	3.842m
Foot median:	10.656m
ORC Headsail area:	28.662m ²
IRC Headsail area:	28.634m ²
Surface area:	28.924m ²
Forestay height:	12.040m
J:	3.962m

Luff Curve

11.276m,	0.000m
10.339m,	0.038m
9.303m,	0.069m
8.390m,	0.085m
7.330m,	0.091m
5.611m,	0.080m
3.665m,	0.054m
1.906m,	0.027m
0.000m,	0.000m

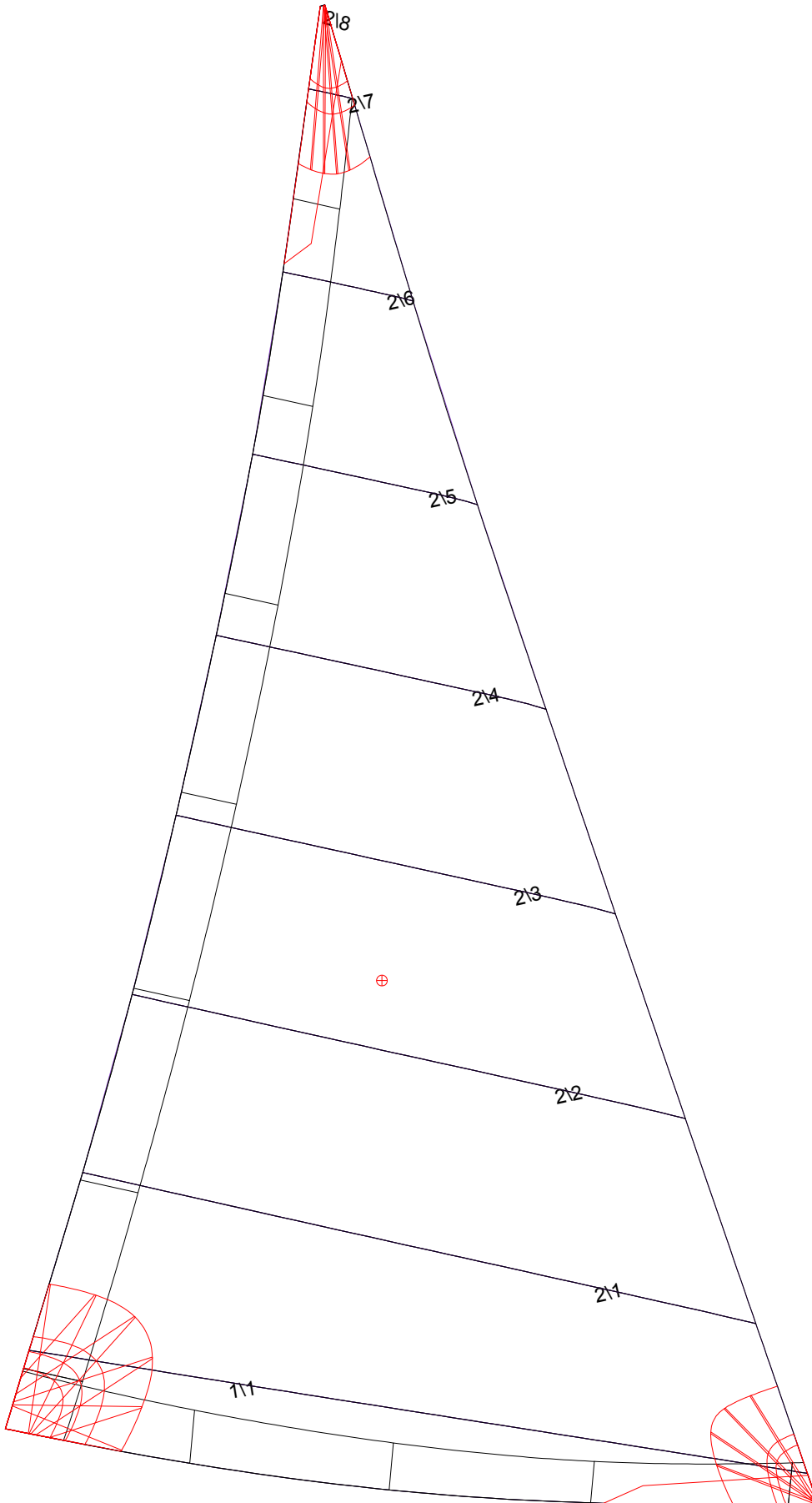
Fanned Luff (@ 5.00% [0.290m])

100% (11.276m) :	0.000m
90% (10.147m) :	-0.038m
80% (9.023m) :	-0.074m
70% (7.893m) :	-0.093m
60% (6.766m) :	-0.092m
50% (5.638m) :	-0.082m
40% (4.511m) :	-0.068m
30% (3.383m) :	-0.053m
20% (2.256m) :	-0.036m
10% (1.126m) :	-0.019m
0% (0.000m) :	0.000m

Before BSeam

-0.000m
-0.031m
-0.060m
-0.072m
-0.067m
-0.054m
-0.045m
-0.036m
-0.026m
-0.014m
0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.025m	0.015m	0.025m
Zone: 2	0.025m	0.015m	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	0.050m	0.100m	0.050m
Cover 1	0.050m	0.100m	0.050m

Total Seam Lengths (m)

Horizontal	23.36
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
panels	29.11	1\1,2\1,2\2,2\3,2\4 2\5,2\6,2\7,2\8