Genoa: 4000905 Chris Headsail R0

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2020\4000905 Chris\4000905 Chris Headsail R0.des

Comments:
tack height off deck 0 inch

clew height off deck 30 inch

Initial Design Date: 18/9/2020
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	26.329Ft
Leech geodesic:	23.412Ft
Foot geodesic:	13.089Ft
Headboard width:	0.151Ft
Luff perpendicular (HLP):	11.700Ft
Upper width (HUW):	1.346Ft
Three-quarter width (HTW):	2.619Ft
Half width (HHW):	5.482Ft
Quarter width (HQW):	8.539Ft
Foot median:	24.443Ft
ORC Headsail area:	148.762Ft?
IRC Headsail area:	148.499Ft?
Surface area:	150.864Ft?
Forestay height:	26.000Ft
J:	7.800Ft

Draft Stripes

1, Luff: 8.738Ft ; Leech: 6.099Ft ;
2, Luff: 17.444Ft ; Leech: 14.623Ft ;

Luff Curve

26.323Ft,	0.000Ft
20.400Ft,	0.192Ft
14.478Ft,	0.230Ft
7.239Ft,	0.142Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [0.634Ft])		Before BSeam
100% (26.323Ft) :	0.000Ft	-0.000Ft
90% (23.689Ft) :	-0.101Ft	-0.029Ft
80% (21.062Ft) :	-0.188Ft	-0.044Ft
70% (18.428Ft) :	-0.234Ft	-0.020Ft
60% (15.795Ft) :	-0.247Ft	0.024Ft
50% (13.162Ft) :	-0.236Ft	0.061Ft
40% (10.530Ft) :	-0.209Ft	0.082Ft
30% (7.897Ft) :	-0.169Ft	0.081Ft
20% (5.265Ft) :	-0.120Ft	0.063Ft
10% (2.630Ft) :	-0.063Ft	0.033Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

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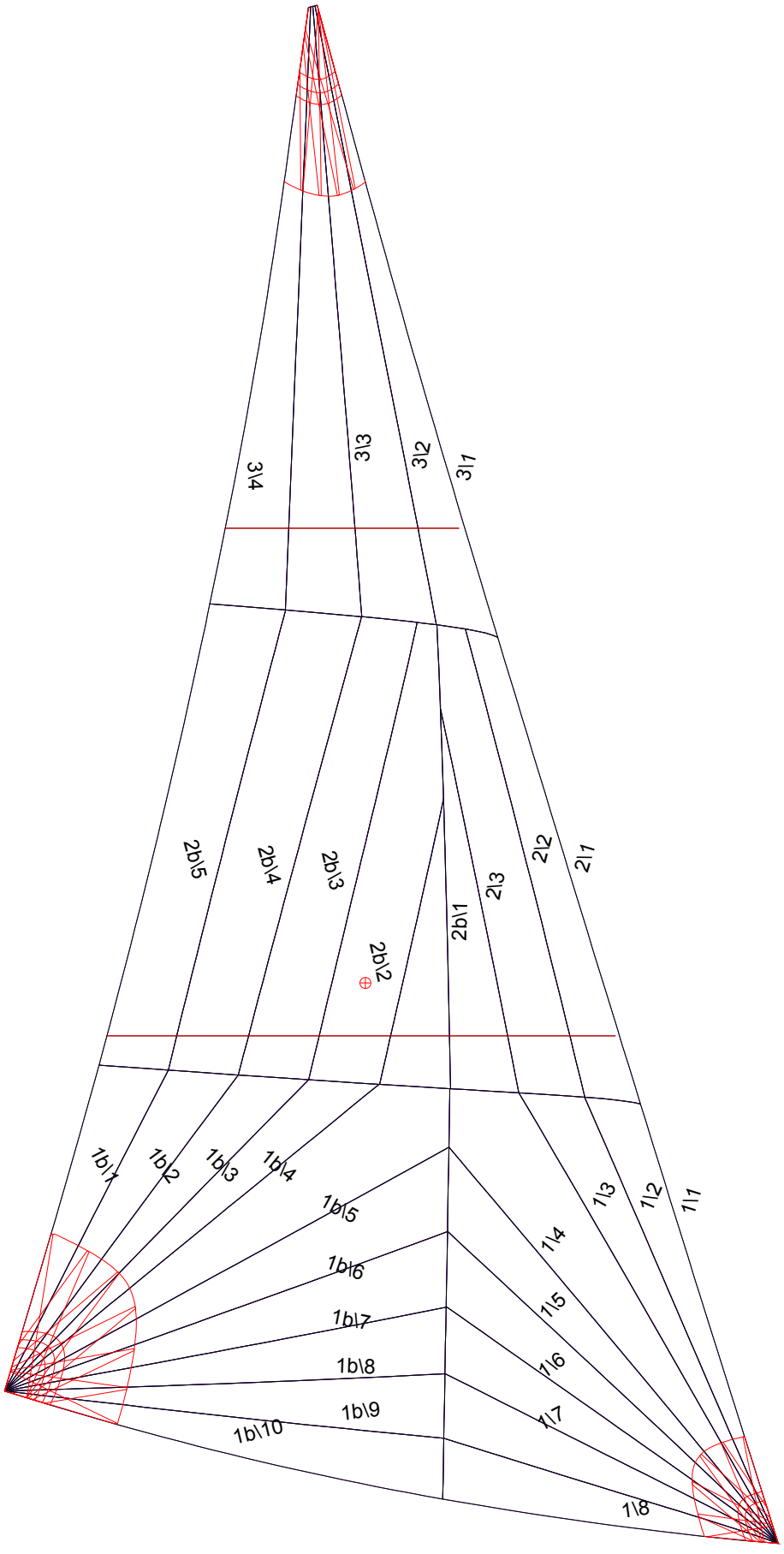


Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.082Ft	0.043Ft	0.082Ft
Zone: 1/b	0.082Ft	0.043Ft	0.082Ft
Zone: 2/a	0.082Ft	0.043Ft	0.082Ft
Zone: 2/b	0.082Ft	0.043Ft	0.082Ft
Zone: 3	0.082Ft	0.043Ft	0.082Ft

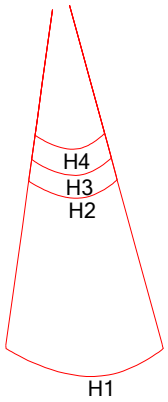
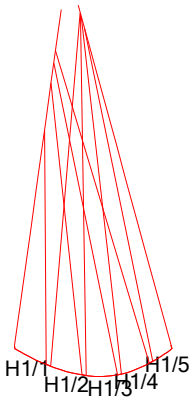
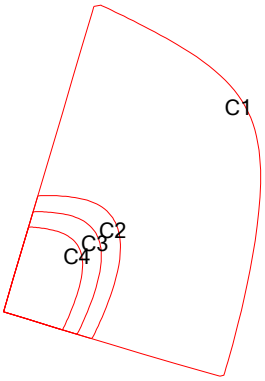
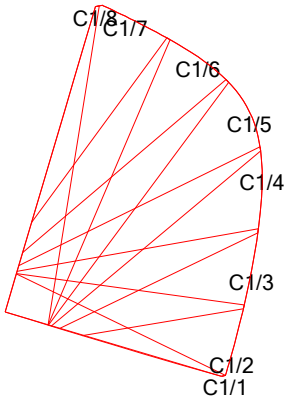
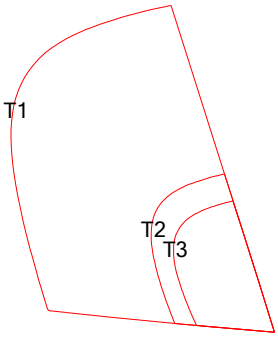
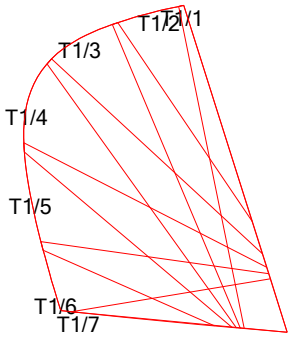
Edge Excesses

	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

Total Seam Lengths (Ft)

Horizontal	14.26
Radial/Vertical	191.57
Bi-Radial Split	15.03

Materials

Material	Area (Ft?	Panels
Material 1	151.17	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1b\1,1b\2 1b\3,1b\4,1b\5,1b\6,1b\7 1b\8,1b\9,1b\10,2\1,2\2 2\3,2b\1,2b\2,2b\3,2b\4 2b\5,3\1,3\2,3\3,3\4

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