Genoa: 4001016 Bill Headsail.des

Design Info
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Design File:
D:\dropbox\Dropbox\Fareast Sails (1)\2020\4001016 Bill\4001016 Bill Headsail.des

Comments:

Initial Design Date: 5/11/2020
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	10.641m
Leech geodesic:	10.300m
Foot geodesic:	5.694m
Headboard width:	0.005m
Luff perpendicular (HLP):	5.433m
Upper width (HUW):	0.590m
Three-quarter width (HTW):	1.201m
Half width (HHW):	2.557m
Quarter width (HQW):	3.986m
Foot median:	10.301m
ORC Headsail area:	27.926m?
IRC Headsail area:	27.838m?
Surface area:	28.198m?
Forestay height:	10.668m
J:	3.505m

Luff Curve

10.639m,	0.000m
9.755m,	0.038m
8.777m,	0.069m
7.916m,	0.085m
6.915m,	0.091m
5.294m,	0.080m
3.458m,	0.054m
1.798m,	0.027m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.280m])		Before BSeam
100% (10.639m) :	0.000m	-0.000m
90% (9.574m) :	-0.040m	0.004m
80% (8.513m) :	-0.074m	0.011m
70% (7.448m) :	-0.089m	0.031m
60% (6.384m) :	-0.089m	0.055m
50% (5.320m) :	-0.081m	0.072m
40% (4.256m) :	-0.069m	0.078m
30% (3.192m) :	-0.053m	0.075m
20% (2.128m) :	-0.037m	0.058m
10% (1.063m) :	-0.020m	0.029m
0% (0.000m) :	0.000m	0.000m

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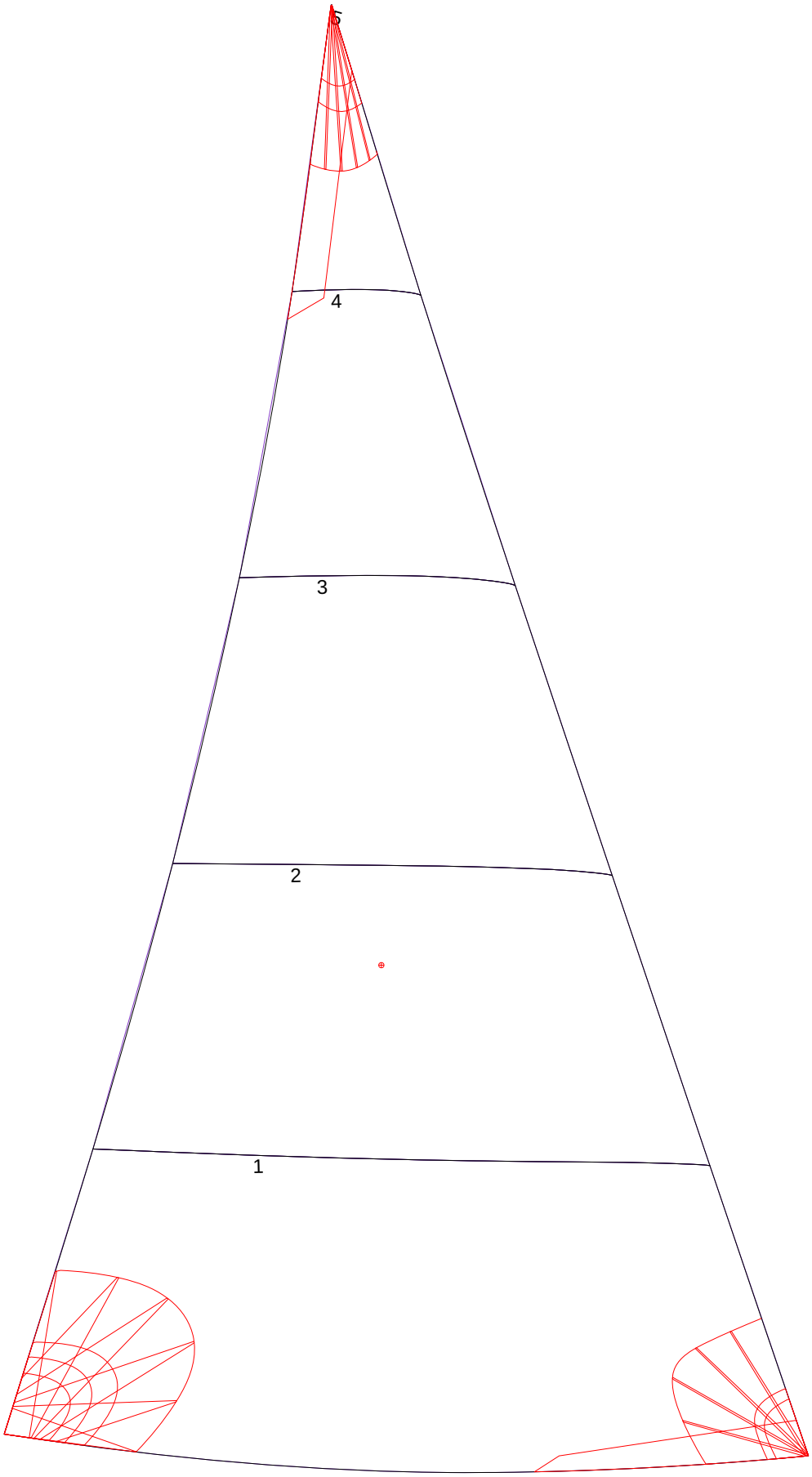


Seam Allowances

	Split	Radial	Cross
Zone: 1	0.060m	0.060m	0.060m

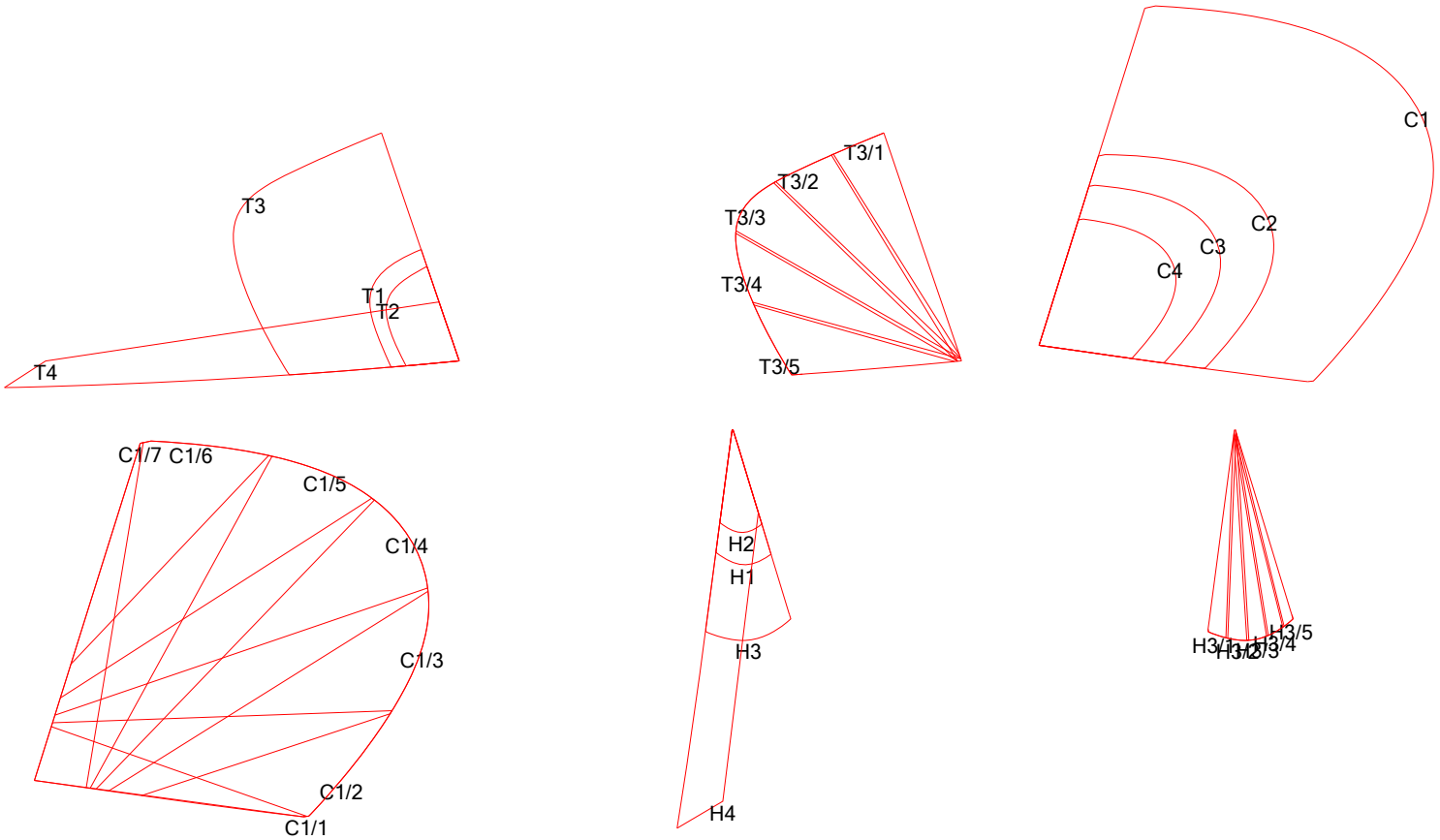
Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	10.83
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	28.30	1,2,3,4,5

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