Genoa: 3000207 Grant-2 headsail 150% R2

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2020\3000207 Grant-1-2-3\3000207 Grant-2 headsail 15

Comments:
tack height off deck 350mm
clew height off deck 460mm

Initial Design Date: 2/4/2020
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	9.210m
Leech geodesic:	8.831m
Foot geodesic:	4.988m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.722m
Upper width (HUW):	0.534m
Three-quarter width (HTW):	1.067m
Half width (HHW):	2.247m
Quarter width (HQW):	3.478m
Foot median:	8.815m
ORC Headsail area:	21.145m?
IRC Headsail area:	21.090m?
Surface area:	21.302m?
Forestay height:	8.839m
J:	3.148m

Luff Curve

9.209m,	0.000m
8.443m,	0.026m
7.597m,	0.047m
6.852m,	0.058m
5.986m,	0.062m
4.583m,	0.055m
2.993m,	0.037m
1.557m,	0.019m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.246m])		Before BSeam
100% (9.209m) :	0.000m	-0.000m
90% (8.287m) :	-0.029m	-0.001m
80% (7.368m) :	-0.053m	0.003m
70% (6.446m) :	-0.063m	0.020m
60% (5.526m) :	-0.062m	0.041m
50% (4.605m) :	-0.057m	0.057m
40% (3.684m) :	-0.049m	0.062m
30% (2.763m) :	-0.038m	0.056m
20% (1.842m) :	-0.027m	0.042m
10% (0.920m) :	-0.015m	0.021m
0% (0.000m) :	0.000m	0.000m

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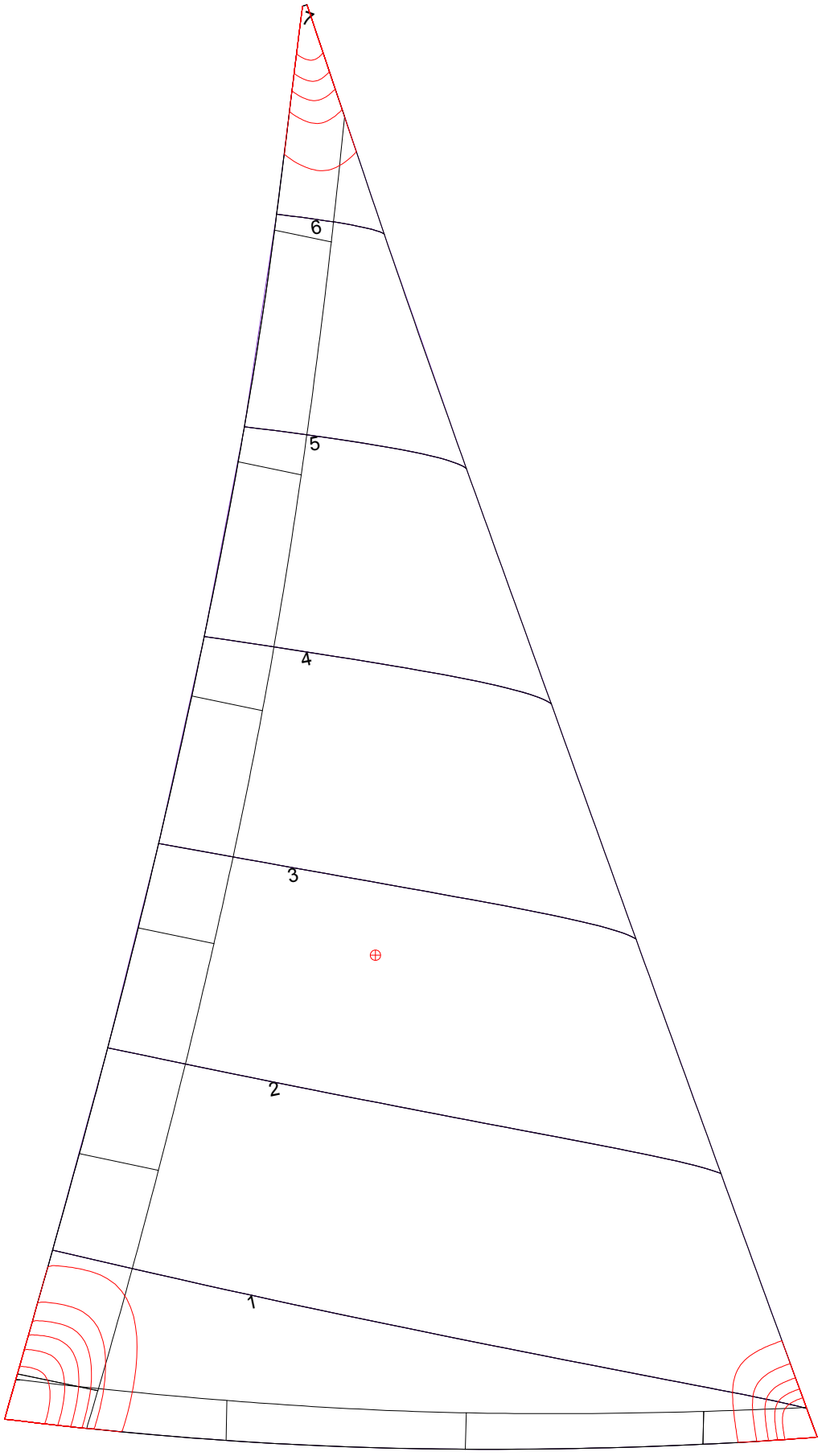


Seam Allowances

	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

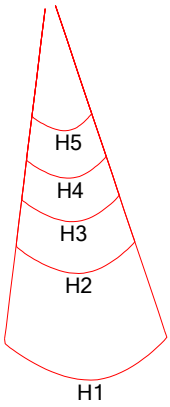
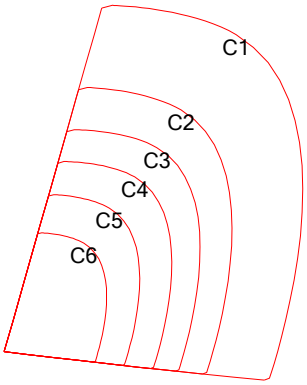
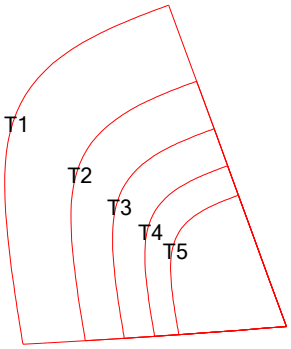
Edge Excesses

	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	16.15
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	21.37	1,2,3,4,5 6,7

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