

Genoa: 5000612 Terrence.des

Design Info

=====

Design File:

D:\dropbox\Dropbox\Fareast Sails\2021\5000612 Terrence\5000612 Terrence.des

Initial Design Date: 16/7/2021

Boat:

Comments:

Client:

Design Data

=====

Genoa

Measurements

Luff geodesic:	10.863m
Leech geodesic:	10.211m
Foot geodesic:	4.267m
Headboard width:	0.025m
Luff perpendicular (HLP):	3.984m
Upper width (HUW):	0.409m
Three-quarter width (HTW):	0.811m
Half width (HHW):	1.776m
Quarter width (HQW):	2.841m
Foot median:	10.451m
ORC Headsail area:	20.307m ²
IRC Headsail area:	20.263m ²
Surface area:	20.386m ²
Forestay height:	11.890m
J:	3.200m

Luff Curve

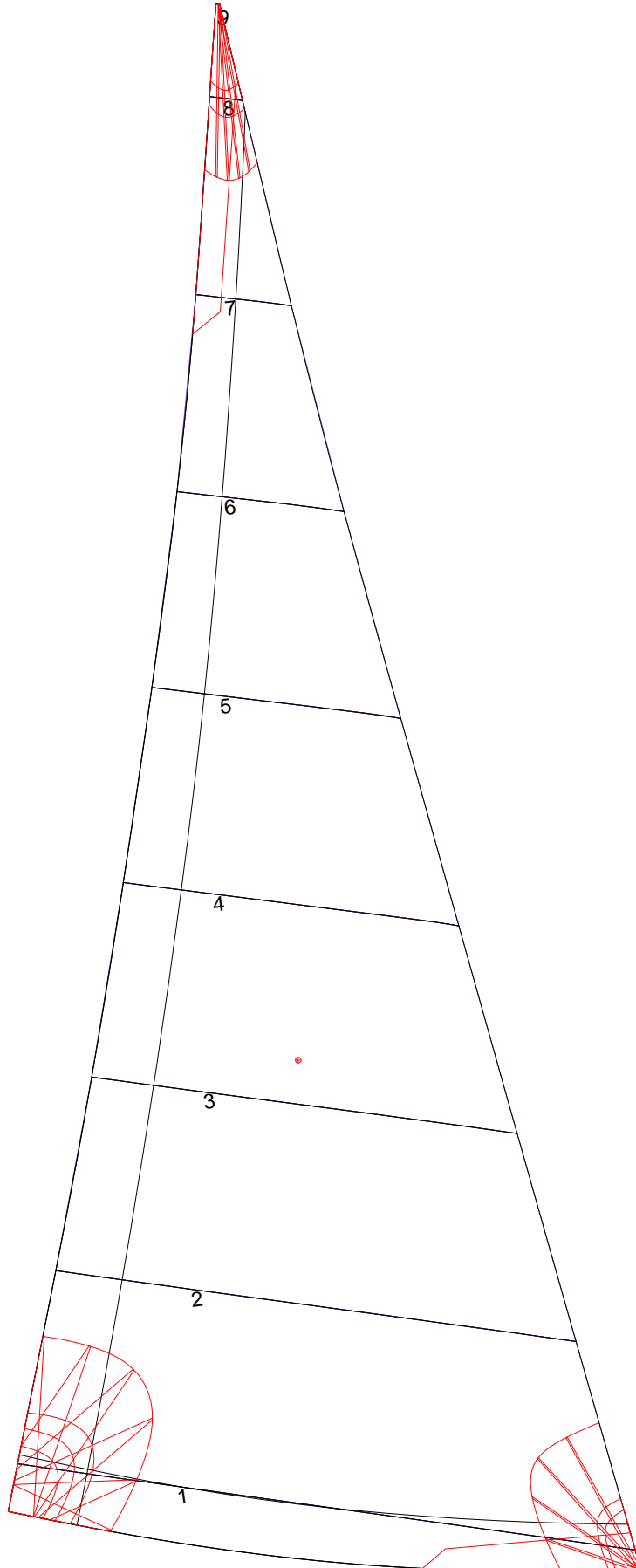
10.861m,	0.000m
9.959m,	0.037m
8.960m,	0.067m
8.082m,	0.082m
7.060m,	0.088m
5.405m,	0.077m
3.530m,	0.052m
1.836m,	0.026m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.212m])

100% (10.861m) :	-0.000m	-0.000m
90% (9.774m) :	-0.037m	-0.031m
80% (8.691m) :	-0.071m	-0.060m
70% (7.603m) :	-0.089m	-0.073m
60% (6.517m) :	-0.089m	-0.069m
50% (5.431m) :	-0.079m	-0.057m
40% (4.345m) :	-0.065m	-0.047m
30% (3.258m) :	-0.051m	-0.037m
20% (2.173m) :	-0.035m	-0.027m
10% (1.085m) :	-0.018m	-0.014m
0% (0.000m) :	0.000m	0.000m

Before BSeam

Genoa: 5000612 Terrence.des



Seam Allowances			
	Split	Radial	Cross
Zone: 1	0.025m	0.025m	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	16.63
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	20.52	1,2,3,4,5 6,7,8,9

Genoa: 5000612 Terrence.des

