

Genoa: 4000320 Jean-Francois 115% genoa R0

Design Info
=====

Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2020\4000320 Jean-Francois\4000320 Jean-Francois 11

Initial Design Date: 6/4/2020
Boat:

Comments:
tack height off deck 450mm

Client:

Design Data
=====

Genoa

Measurements

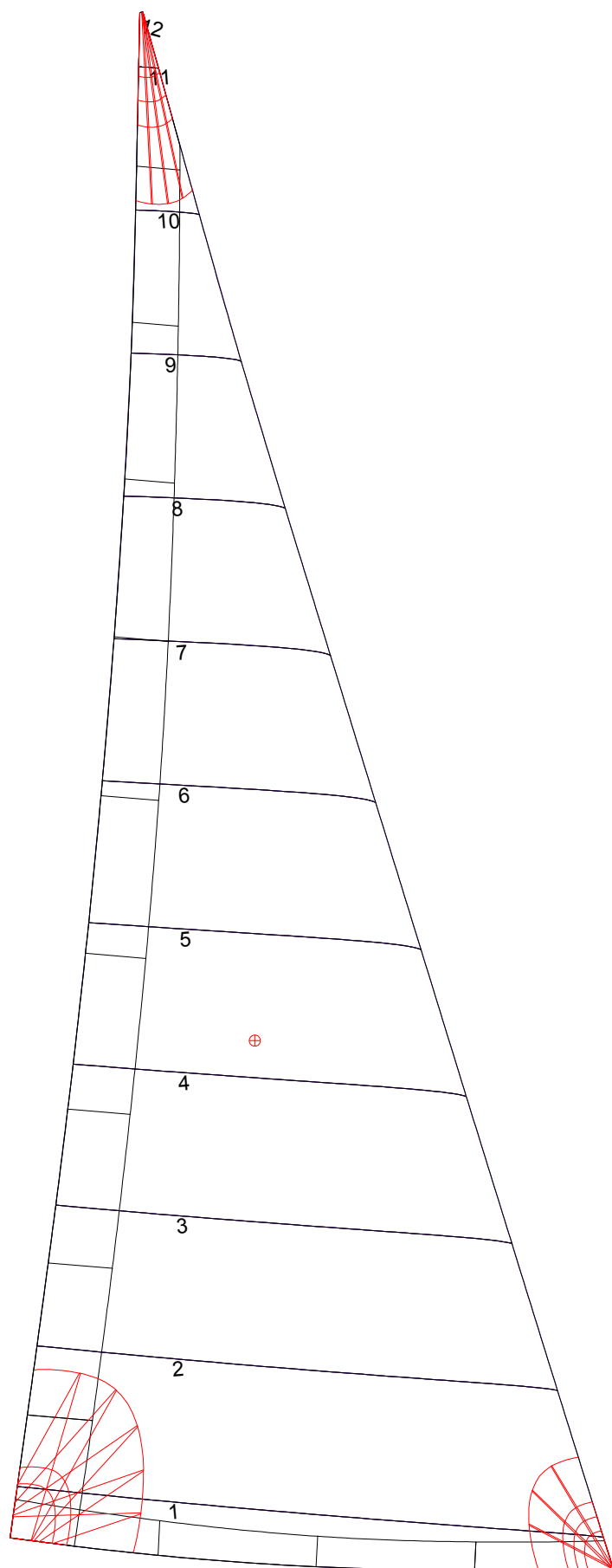
Luff geodesic: 14.830m
 Leech geodesic: 14.028m
 Foot geodesic: 5.580m
 Headboard width: 0.030m
 Luff perpendicular (HLP): 5.290m
 Upper width (HUW): 0.572m
 Three-quarter width (HTW): 1.148m
 Half width (HHW): 2.466m
 Quarter width (HQW): 3.857m
 Foot median: 14.298m
 ORC Headsail area: 37.677m?
 IRC Headsail area: 37.576m?
 Surface area: 37.794m?
 Forestay height: 15.210m
 J: 4.600m

Luff Curve

14.828m,	0.000m
13.595m,	0.047m
12.233m,	0.085m
11.033m,	0.105m
9.638m,	0.112m
7.379m,	0.099m
4.819m,	0.067m
2.506m,	0.033m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.275m])	Before BSeam
100% (14.828m) :	-0.000m 0.000m
90% (13.344m) :	-0.052m -0.019m
80% (11.864m) :	-0.095m -0.030m
70% (10.380m) :	-0.113m -0.017m
60% (8.897m) :	-0.112m 0.008m
50% (7.414m) :	-0.102m 0.028m
40% (5.931m) :	-0.086m 0.039m
30% (4.448m) :	-0.067m 0.039m
20% (2.966m) :	-0.046m 0.030m
10% (1.482m) :	-0.024m 0.015m
0% (0.000m) :	0.000m 0.000m

Genoa: 4000320 Jean-Francois 115% genoa R0



Seam Allowances			
	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.030m
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	29.81
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	37.89	1,2,3,4,5 6,7,8,9,10 11,12

Genoa: 4000320 Jean-Francois 115% genoa R0

