

Genoa: 4000320 Jean-Francois headsail R0

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

Initial Design Date: 6/4/2020
Boat:
Client:

Comments:
tack height off deck 450mm

clew height off deck 730mm

Design Data
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Genoa

Measurements

Luff geodesic: 14.830m
Leech geodesic: 13.956m
Foot geodesic: 4.380m
Headboard width: 0.030m
Luff perpendicular (HLP): 4.123m
Upper width (HUW): 0.422m
Three-quarter width (HTW): 0.847m
Half width (HHW): 1.861m
Quarter width (HQW): 2.963m
Foot median: 14.359m
ORC Headsail area: 28.863m?
IRC Headsail area: 28.777m?
Surface area: 28.954m?
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

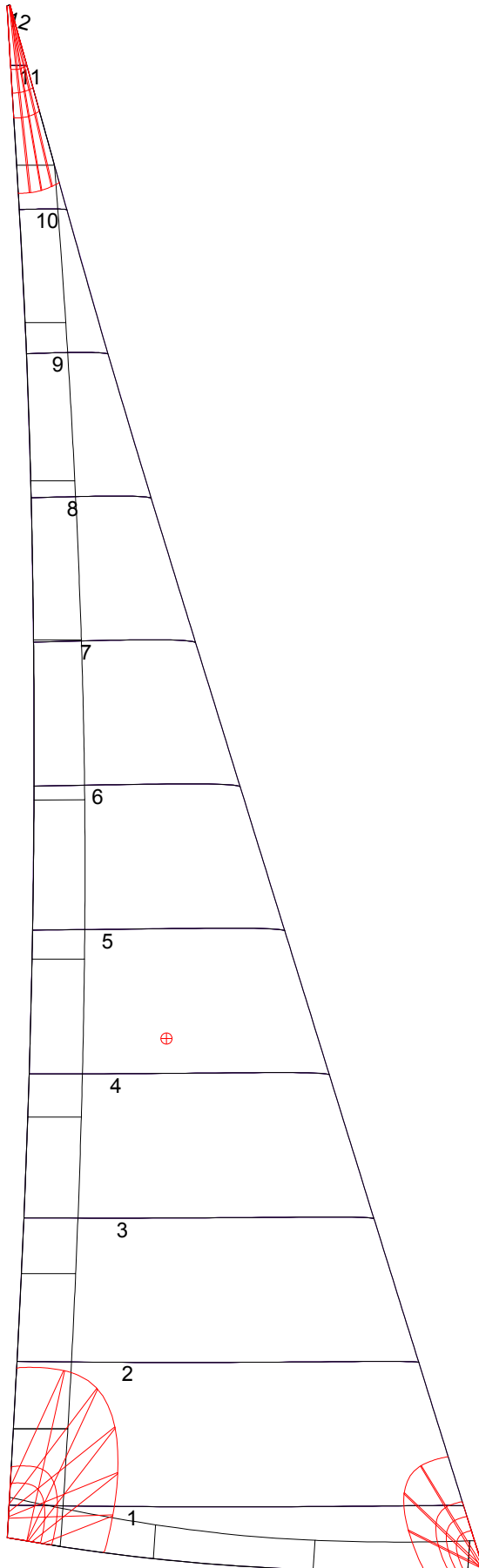
Fanned Luff (@ 5.00% [0.216m])

100% (14.828m) : -0.000m
90% (13.344m) : -0.052m
80% (11.864m) : -0.095m
70% (10.380m) : -0.113m
60% (8.897m) : -0.112m
50% (7.414m) : -0.102m
40% (5.931m) : -0.085m
30% (4.448m) : -0.066m
20% (2.966m) : -0.045m
10% (1.482m) : -0.023m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
-0.026m
-0.043m
-0.036m
-0.015m
0.003m
0.015m
0.020m
0.017m
0.009m
0.000m

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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	22.60
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	29.04	1,2,3,4,5 6,7,8,9,10 11,12

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