Genoa: 6001209 Patrick-2 Genoa.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confrim order\6001209 Patrick\6001209 Patrick-2 Genoa.des

Comments:

Initial Design Date: 13/12/2022
Boat:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	13.503m
Leech geodesic:	12.878m
Foot geodesic:	7.366m
Headboard width:	0.035m
Luff perpendicular (HLP):	6.909m
Upper width (HUW):	0.800m
Three-quarter width (HTW):	1.593m
Half width (HHW):	3.286m
Quarter width (HQW):	5.077m
Foot median:	12.936m
ORC Headsail area:	45.419m?
IRC Headsail area:	45.347m?
Surface area:	46.022m?
Forestay height:	14.020m
J:	4.620m

Luff Slides

1, Position: 0.600m
2, Position: 1.500m
3, Position: 2.400m
4, Position: 3.301m
5, Position: 4.201m
6, Position: 5.101m
7, Position: 6.001m
8, Position: 6.901m
9, Position: 7.802m
10, Position: 8.702m
11, Position: 9.602m
12, Position: 10.502m
13, Position: 11.403m
14, Position: 12.303m
15, Position: 13.203m

Luff Curve

13.502m,	0.000m
10.126m,	0.058m
6.752m,	0.077m
3.375m,	0.058m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.364m])		Before BSeam
100% (13.502m) :	-0.000m	0.000m
90% (12.151m) :	-0.023m	0.013m
80% (10.802m) :	-0.044m	0.026m
70% (9.451m) :	-0.060m	0.039m
60% (8.101m) :	-0.070m	0.049m
50% (6.751m) :	-0.075m	0.051m
40% (5.401m) :	-0.073m	0.047m
30% (4.050m) :	-0.065m	0.039m
20% (2.701m) :	-0.050m	0.027m
10% (1.348m) :	-0.027m	0.012m
0% (0.000m) :	0.000m	0.000m

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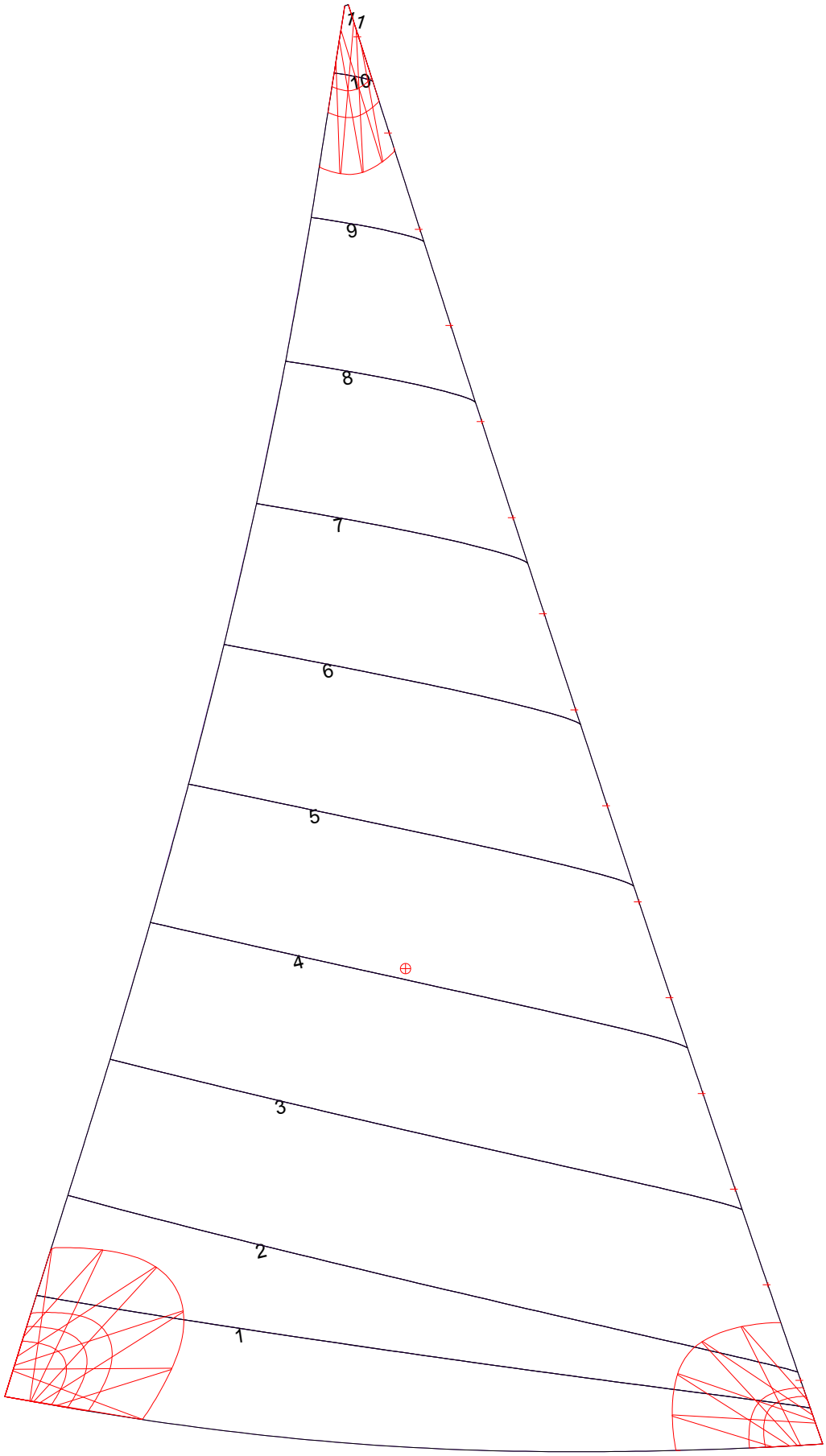

Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	38.33
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	46.14	1,2,3,4,5 6,7,8,9,10 11