

Genoa: 3001144 Pierre-2 headsail R1

Design Info
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Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3001144 Pierre-1-2\3001144 Pierre-2 headsail R1.

Initial Design Date: 11/12/2019
Boat:

Client:

Comments:
tack height off deck 52cm

clew height off deck 70cm

Design Data
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Genoa

Measurements

Luff geodesic:	9.940m
Leech geodesic:	9.400m
Foot geodesic:	4.720m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.460m
Upper width (HUW):	0.496m
Three-quarter width (HTW):	0.986m
Half width (HHW):	2.086m
Quarter width (HQW):	3.267m
Foot median:	9.529m
ORC Headsail Area:	21.387m?
IRC Headsail Area:	21.312m?
Surface Area:	21.553m?

Luff Curve

9.939m,	0.000m
9.113m,	0.028m
8.199m,	0.050m
7.395m,	0.062m
6.460m,	0.066m
4.946m,	0.058m
3.230m,	0.040m
1.680m,	0.020m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.:Before BSeam

100% (9.939m) :	0.000m	-0.000m
90% (8.944m) :	-0.030m	-0.001m
80% (7.952m) :	-0.055m	0.001m
70% (6.957m) :	-0.065m	0.014m
60% (5.964m) :	-0.064m	0.033m
50% (4.970m) :	-0.058m	0.049m
40% (3.976m) :	-0.049m	0.059m
30% (2.982m) :	-0.039m	0.059m
20% (1.988m) :	-0.027m	0.045m
10% (0.993m) :	-0.014m	0.021m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

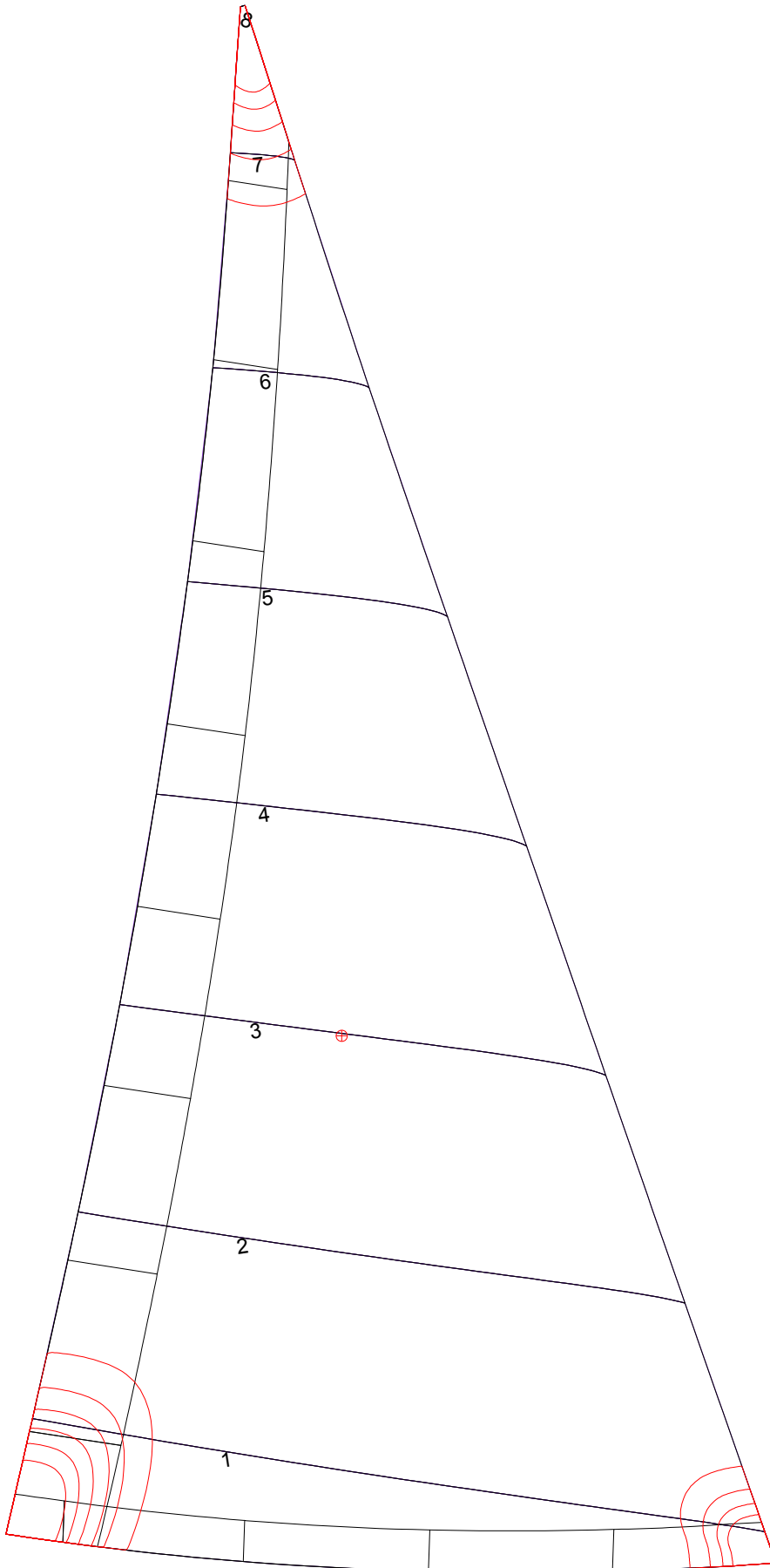
Zone:	Split	Radial	Cross
1	0.000m	0.000m	0.025m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m

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

Materials

Material	Area (m ²)	Panels
Material 1	21.62	1,2,3,4,5 6,7,8



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