

Genoa: 7000611 Shawn Fontaine Pajot 46 Headsail.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000611 Shawn\7000

Initial Design Date: 13/6/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	15.316m
Leech geodesic:	13.207m
Foot geodesic:	6.910m
Headboard width:	0.034m
Luff perpendicular (HLP):	6.002m
Upper width (HUW):	0.655m
Three-quarter width (HTW):	1.308m
Half width (HHW):	2.769m
Quarter width (HQW):	4.341m
Foot median:	14.165m
ORC Headsail area:	43.983m?
IRC Headsail area:	43.893m?
Surface area:	44.918m?
Forestay height:	15.850m
J:	4.481m

Draft Stripes

1, Luff: 4.945m ; Leech: 3.408m ;
2, Luff: 8.422m ; Leech: 6.639m ;
3, Luff: 11.881m ; Leech: 9.887m ;

Luff Curve

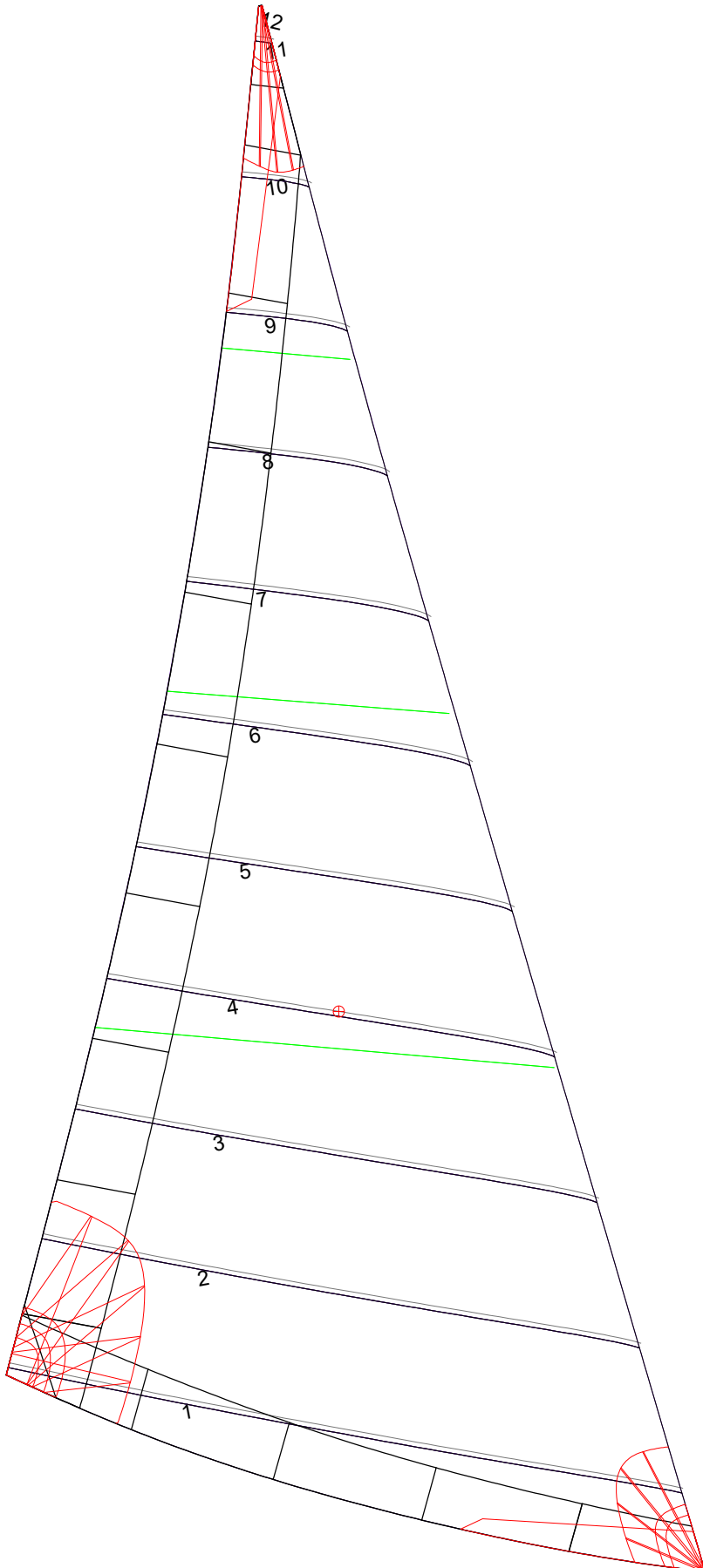
15.313m,	0.000m
14.040m,	0.052m
12.633m,	0.094m
11.394m,	0.116m
9.954m,	0.124m
7.620m,	0.109m
4.977m,	0.074m
2.588m,	0.037m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.329m])

100% (15.313m) :	0.000m	-0.000m
90% (13.783m) :	-0.059m	-0.011m
80% (12.252m) :	-0.109m	-0.013m
70% (10.720m) :	-0.130m	0.005m
60% (9.189m) :	-0.130m	0.030m
50% (7.657m) :	-0.119m	0.046m
40% (6.126m) :	-0.100m	0.054m
30% (4.594m) :	-0.077m	0.056m
20% (3.063m) :	-0.052m	0.050m
10% (1.531m) :	-0.027m	0.030m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.046m	0.046m	0.046m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

Edge Excesses

Sail:	Luff	Leech	Foot
Cover 0	0.070m	0.100m	0.070m
Cover 1	0.070m	0.070m	0.100m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	35.42
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	45.04	1,2,3,4,5 6,7,8,9,10 11,12