

Genoa: 7000724 Matteo-2 Fountaine Pajot Lavezzi 40 Headsail.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed Order\7000724 Matteo-2 Fountaine Pajot Lavezzi 40 Headsail.des

Initial Design Date: 6/9/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	11.187m
Leech geodesic:	8.750m
Foot geodesic:	4.500m
Headboard width:	0.033m
Luff perpendicular (HLP):	3.335m
Upper width (HUW):	0.373m
Three-quarter width (HTW):	0.730m
Half width (HHW):	1.513m
Quarter width (HQW):	2.391m
Foot median:	9.902m
ORC Headsail area:	17.761m ²
IRC Headsail area:	17.726m ²
Surface area:	18.161m ²
Forestay height:	14.500m
J:	3.850m

Draft Stripes

1, Luff: 3.702m ; Leech: 1.433m ;
2, Luff: 7.400m ; Leech: 5.035m ;

Luff Curve

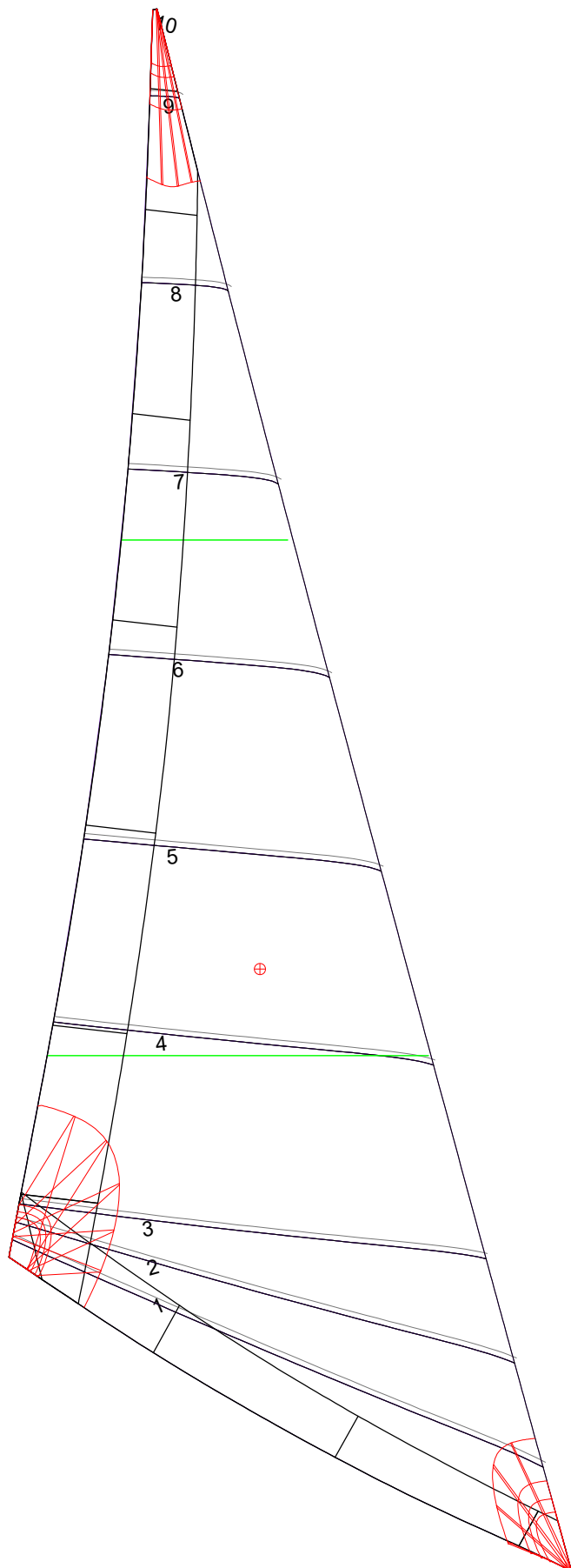
11.185m,	0.000m
10.256m,	0.028m
9.228m,	0.051m
8.323m,	0.063m
7.271m,	0.067m
5.566m,	0.059m
3.635m,	0.040m
1.891m,	0.020m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.195m])

100% (11.185m) :	-0.000m	0.000m
90% (10.071m) :	-0.036m	0.002m
80% (8.947m) :	-0.063m	0.008m
70% (7.831m) :	-0.077m	0.018m
60% (6.712m) :	-0.080m	0.031m
50% (5.593m) :	-0.075m	0.041m
40% (4.474m) :	-0.063m	0.048m
30% (3.356m) :	-0.049m	0.047m
20% (2.237m) :	-0.033m	0.041m
10% (1.118m) :	-0.017m	0.027m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.038m	0.038m	0.038m
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

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
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	19.83
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	18.14	1,2,3,4,5 6,7,8,9,10