

Genoa: 6001220 Paul Head-2 Jeanneau 45-V1-0104.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001220 Paul\6001220 Paul Head-2 Jeanneau 45-V

Initial Design Date: 31/12/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

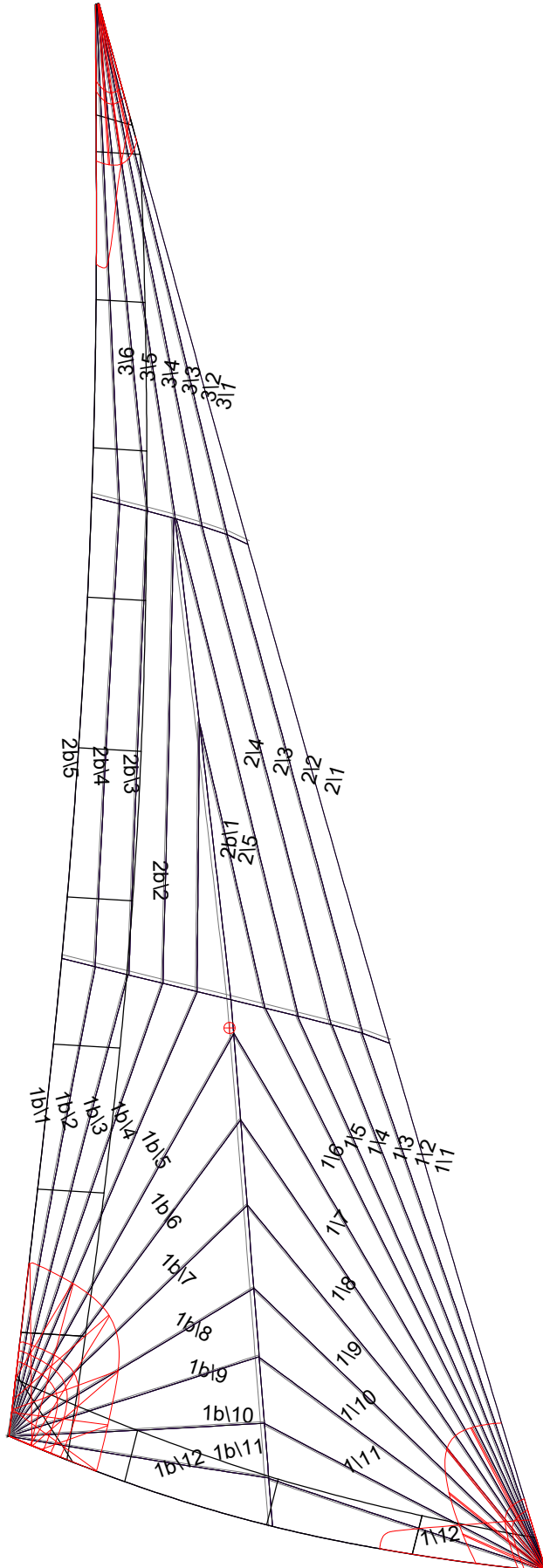
Luff geodesic:	15.700m
Leech geodesic:	13.881m
Foot geodesic:	5.379m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.690m
Upper width (HUW):	0.523m
Three-quarter width (HTW):	1.029m
Half width (HHW):	2.145m
Quarter width (HQW):	3.379m
Foot median:	14.794m
ORC Headsail area:	35.165m?
IRC Headsail area:	35.094m?
Surface area:	35.705m?
Forestay height:	16.450m
J:	4.690m

Luff Curve

15.698m,	0.000m
11.774m,	0.067m
7.850m,	0.090m
3.925m,	0.067m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.258m])		Before BSeam
100% (15.699m) :	-0.000m	0.000m
90% (14.129m) :	-0.030m	-0.000m
80% (12.559m) :	-0.057m	0.001m
70% (10.989m) :	-0.078m	0.005m
60% (9.419m) :	-0.091m	0.009m
50% (7.849m) :	-0.095m	0.010m
40% (6.279m) :	-0.093m	0.010m
30% (4.709m) :	-0.083m	0.008m
20% (3.140m) :	-0.062m	0.005m
10% (1.569m) :	-0.033m	0.002m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3	0.038m	0.015m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

Edge Excesses

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

Total Seam Lengths (m)

Horizontal	5.04
Radial/Vertical	152.40
Bi-Radial Split	10.15

Materials

Material	Area (m ²)	Panels
Material 1	35.78	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,2\1 2\2,2\3,2\4,2\5,2b\1 2b\2,2b\3,2b\4,2b\5,3\1 3\2,3\3,3\4,3\5,3\6