

Genoa: 6000906 Phil headsail.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000906 Phil\8000722 Phil\8000722 Phil\6000906 F

Initial Design Date: 10/8/2015
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

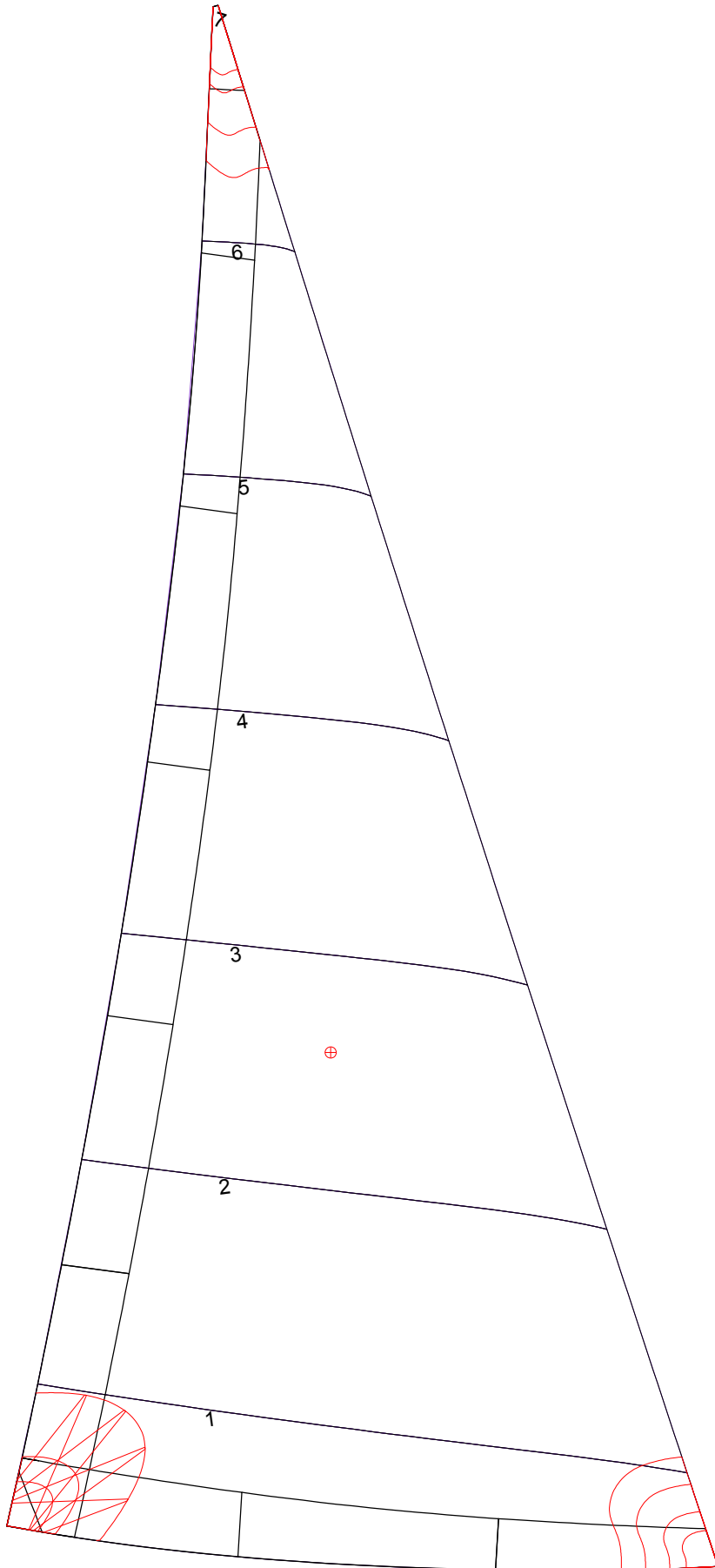
Luff geodesic:	9.200m
Leech geodesic:	8.650m
Foot geodesic:	4.100m
Headboard width:	0.030m
Luff perpendicular (HLP):	3.874m
Upper width (HUW):	0.434m
Three-quarter width (HTW):	0.859m
Half width (HHW):	1.807m
Quarter width (HQW):	2.822m
Foot median:	8.821m
ORC Headsail area:	17.160m?
IRC Headsail area:	17.126m?
Surface area:	17.304m?
Forestay height:	9.750m
J:	3.124m

Luff Curve

9.200m,	0.000m
7.200m,	0.030m
4.610m,	0.040m
2.126m,	0.024m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.200m])		Before BSeam
100% (9.200m) :	0.000m	0.000m
90% (8.279m) :	-0.014m	0.012m
80% (7.360m) :	-0.027m	0.024m
70% (6.440m) :	-0.037m	0.035m
60% (5.520m) :	-0.041m	0.045m
50% (4.600m) :	-0.041m	0.052m
40% (3.680m) :	-0.038m	0.054m
30% (2.760m) :	-0.032m	0.051m
20% (1.840m) :	-0.023m	0.042m
10% (0.919m) :	-0.012m	0.027m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m
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	0.070m	0.100m	0.070m
Cover 1	0.070m	0.100m	0.070m
Cover 2	0.070m	0.100m	0.070m
Cover 3	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	12.89
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	17.34	1,2,3,4,5 6,7