

Genoa: 6000619 Head.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000619 Stephen\6000619 Head.des

Initial Design Date: 6/7/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

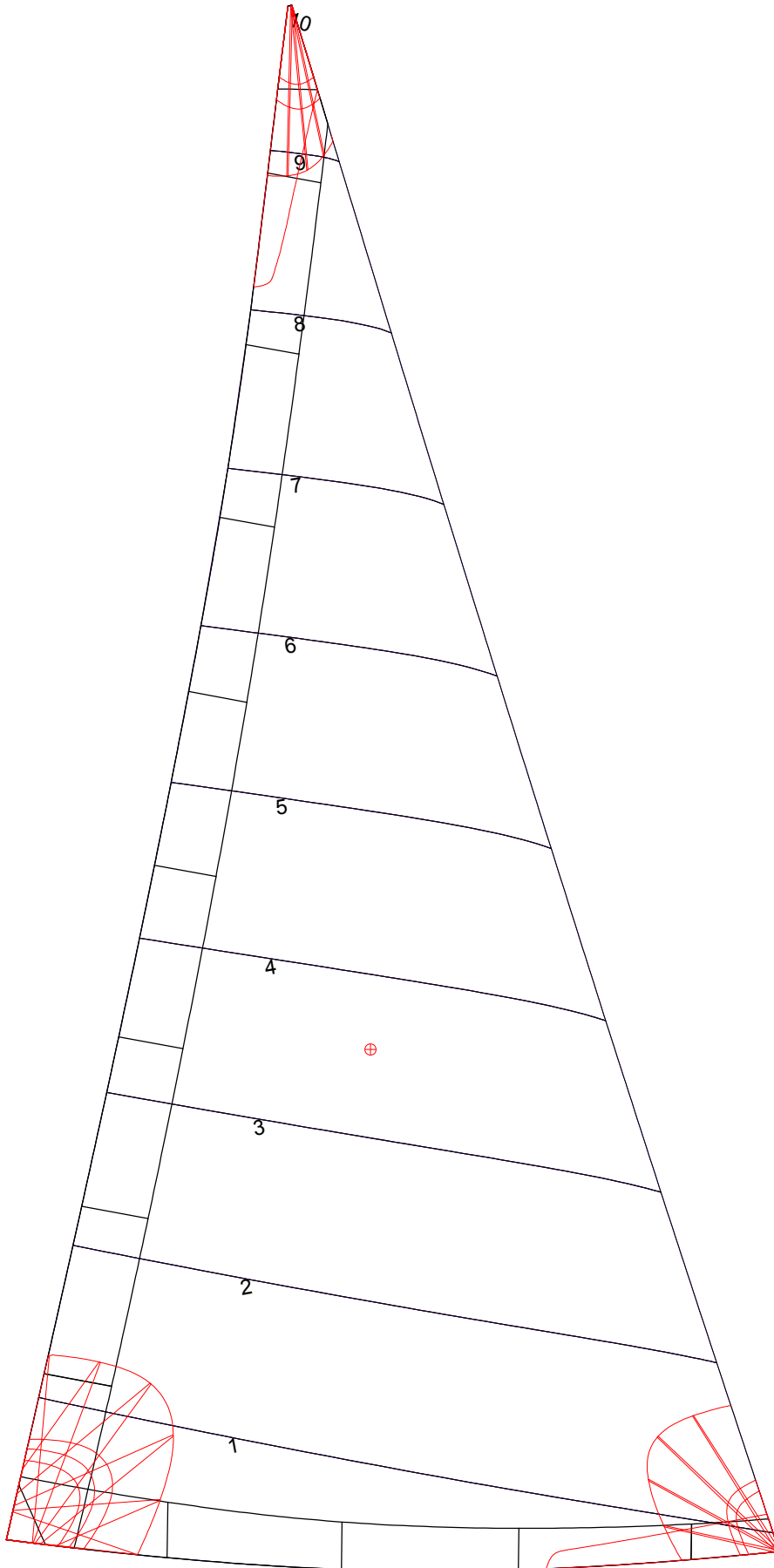
Luff geodesic:	13.260m
Leech geodesic:	12.830m
Foot geodesic:	6.400m
Headboard width:	0.035m
Luff perpendicular (HLP):	6.137m
Upper width (HUW):	0.726m
Three-quarter width (HTW):	1.433m
Half width (HHW):	2.955m
Quarter width (HQW):	4.555m
Foot median:	12.889m
ORC Headsail area:	39.923m?
IRC Headsail area:	39.802m?
Surface area:	40.498m?
Forestay height:	14.050m
J:	4.430m

Luff Curve

13.259m,	0.000m
9.944m,	0.057m
6.630m,	0.076m
3.315m,	0.057m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.316m])		Before BSeam
100% (13.259m) :	-0.000m	-0.000m
90% (11.932m) :	-0.024m	0.014m
80% (10.608m) :	-0.047m	0.027m
70% (9.281m) :	-0.066m	0.039m
60% (7.955m) :	-0.076m	0.049m
50% (6.629m) :	-0.080m	0.057m
40% (5.303m) :	-0.079m	0.062m
30% (3.977m) :	-0.071m	0.062m
20% (2.652m) :	-0.054m	0.052m
10% (1.324m) :	-0.029m	0.030m
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

Sail:	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	30.21
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	40.55	1,2,3,4,5 6,7,8,9,10