

Genoa: 6000113 Hunter 49 Genoa-Thomas.des

Design Info
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Design File:
E:\Dropbox\Fareast Sails\2022 Order\6000113 Thomas\6000113 Hunter 49 Genoa-Thomas.des

Initial Design Date: 17/2/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

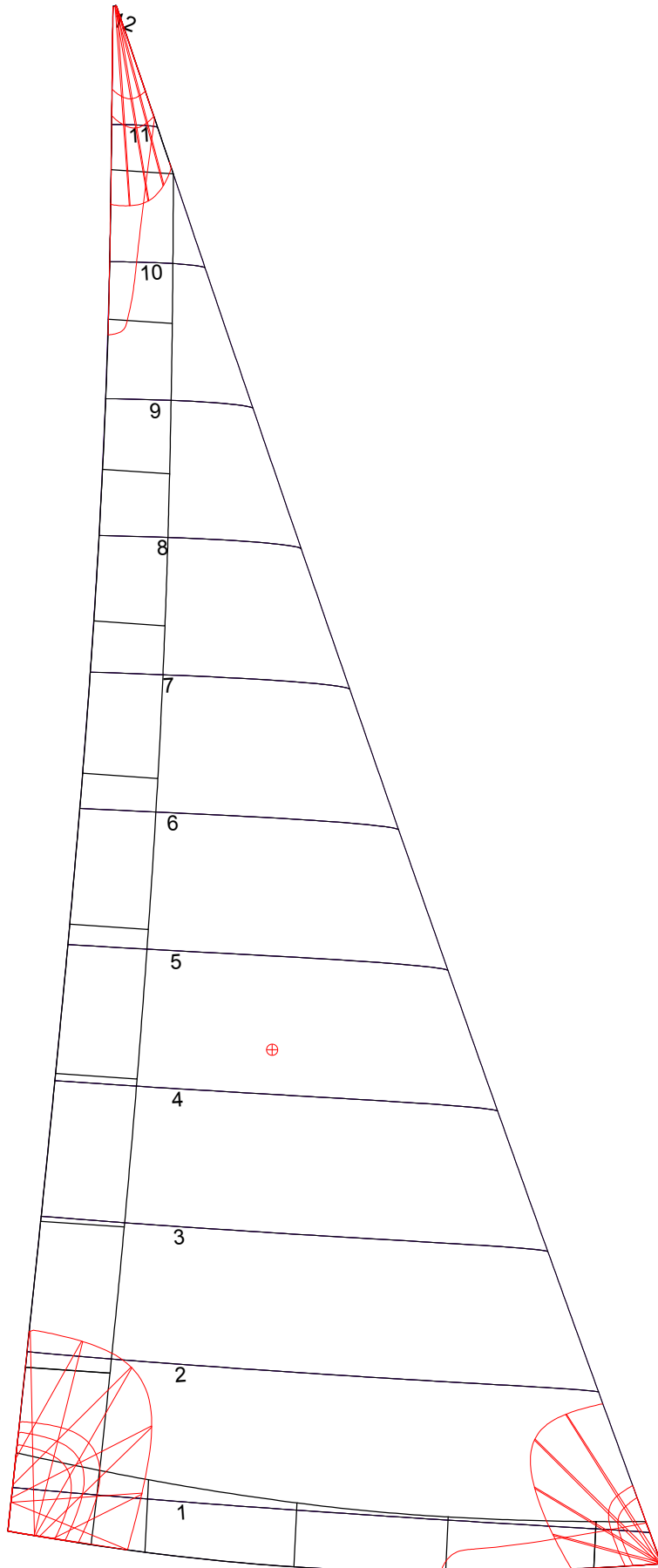
Luff geodesic:	15.691m
Leech geodesic:	14.605m
Foot geodesic:	6.274m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.843m
Upper width (HUW):	0.683m
Three-quarter width (HTW):	1.354m
Half width (HHW):	2.801m
Quarter width (HQW):	4.312m
Foot median:	15.051m
ORC Headsail area:	44.809m?
IRC Headsail area:	44.729m?
Surface area:	45.366m?
Forestay height:	15.798m
J:	5.524m

Luff Curve

15.690m,	0.000m
11.767m,	0.067m
7.846m,	0.089m
3.922m,	0.067m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.310m])		Before BSeam
100% (15.690m) :	0.000m	-0.000m
90% (14.120m) :	-0.028m	0.005m
80% (12.553m) :	-0.054m	0.011m
70% (10.983m) :	-0.073m	0.019m
60% (9.414m) :	-0.085m	0.025m
50% (7.845m) :	-0.089m	0.026m
40% (6.276m) :	-0.087m	0.023m
30% (4.706m) :	-0.078m	0.019m
20% (3.139m) :	-0.059m	0.012m
10% (1.567m) :	-0.032m	0.004m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.035m
Cover 1	0.025m	0.025m	0.025m
Cover 2	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

Total Seam Lengths (m)

Horizontal	35.51
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	45.48	1,2,3,4,5 6,7,8,9,10 11,12