

Genoa: 6000113 Hunter 49 Jib-Thomas.des

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

Initial Design Date: 12/2/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

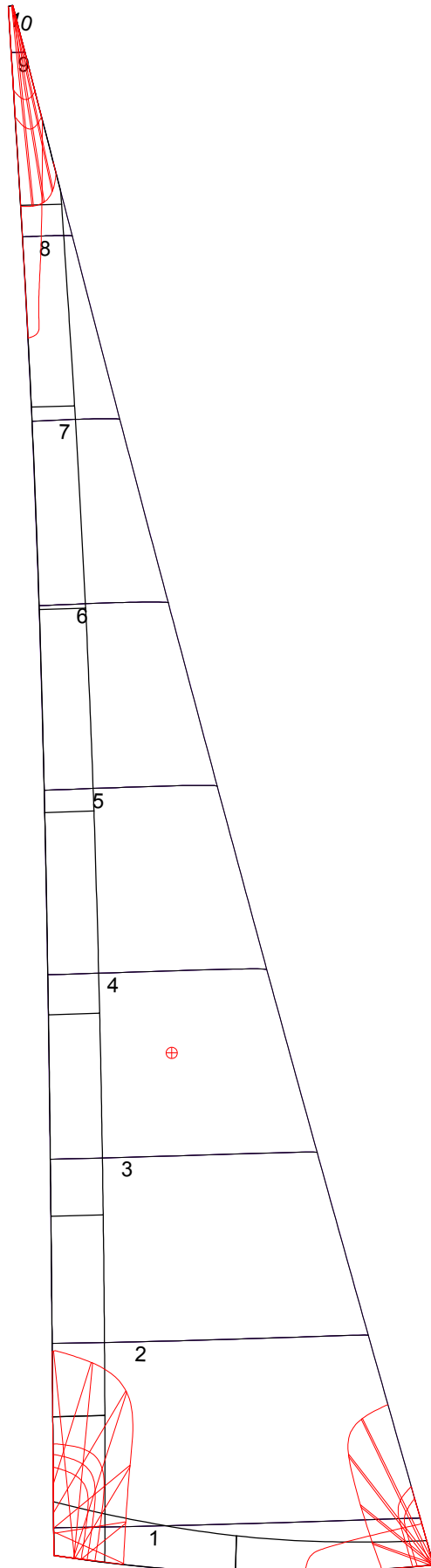
Luff geodesic:	11.564m
Leech geodesic:	11.119m
Foot geodesic:	2.743m
Headboard width:	0.035m
Luff perpendicular (HLP):	2.631m
Upper width (HUW):	0.318m
Three-quarter width (HTW):	0.613m
Half width (HHW):	1.252m
Quarter width (HQW):	1.929m
Foot median:	11.354m
ORC Headsail area:	14.832m?
IRC Headsail area:	14.823m?
Surface area:	14.934m?
Forestay height:	11.862m
J:	3.200m

Luff Curve

11.563m,	0.000m
8.672m,	0.049m
5.782m,	0.066m
2.891m,	0.049m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.136m])	Before BSeam
100% (11.563m) :	-0.000m 0.000m
90% (10.406m) :	-0.020m -0.005m
80% (9.251m) :	-0.039m -0.010m
70% (8.094m) :	-0.052m -0.011m
60% (6.938m) :	-0.061m -0.012m
50% (5.781m) :	-0.064m -0.012m
40% (4.625m) :	-0.062m -0.012m
30% (3.469m) :	-0.056m -0.012m
20% (2.313m) :	-0.042m -0.009m
10% (1.155m) :	-0.022m -0.006m
0% (0.000m) :	0.000m 0.000m

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Seam Allowances

	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

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	12.01
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	14.97	1,2,3,4,5 6,7,8,9,10