

Genoa: 6001216 Jim.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001216 Jim

Initial Design Date: 21/12/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

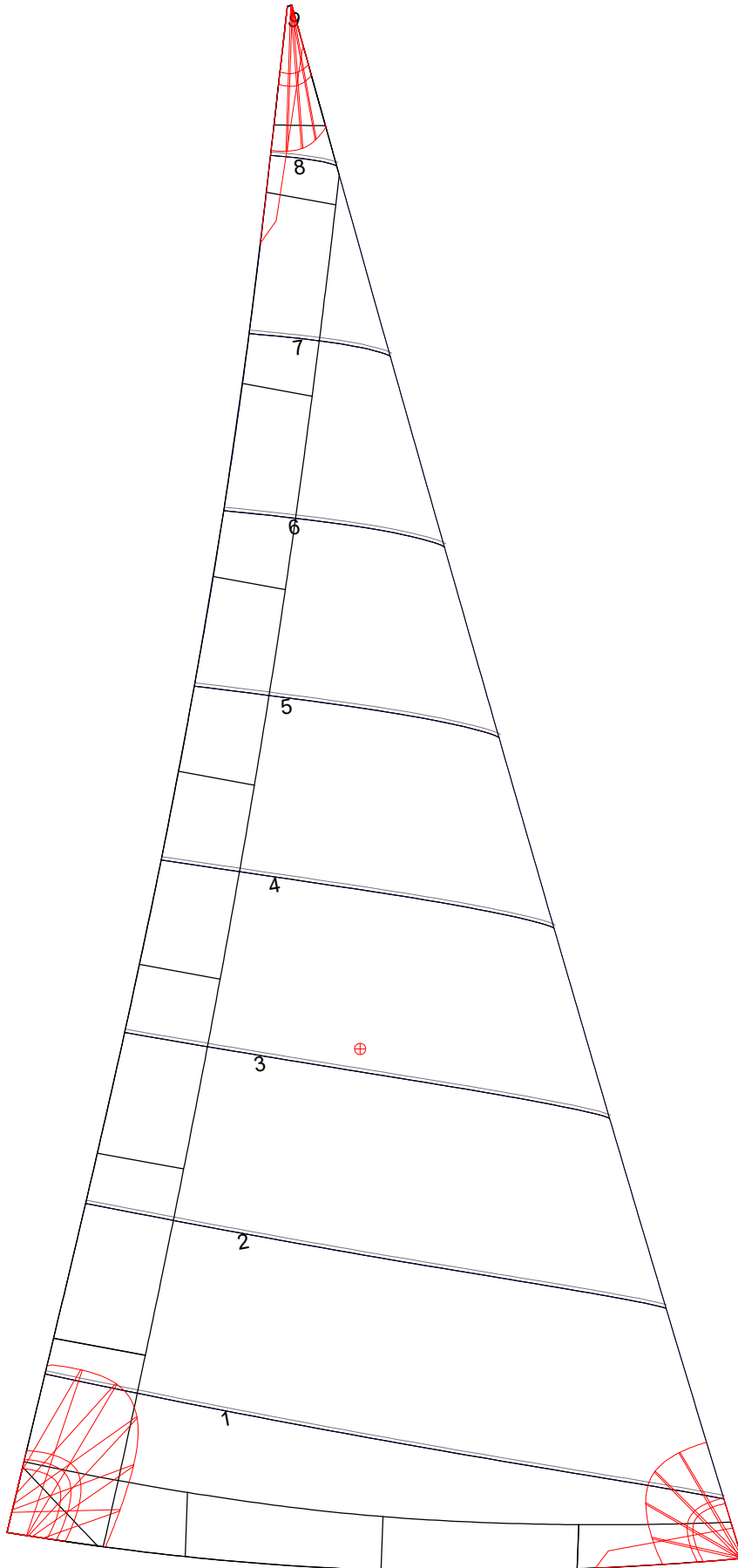
Luff geodesic: 11.829m
Leech geodesic: 11.430m
Foot geodesic: 5.456m
Headboard width: 0.035m
Luff perpendicular (HLP): 5.227m
Upper width (HUW): 0.618m
Three-quarter width (HTW): 1.220m
Half width (HHW): 2.509m
Quarter width (HQW): 3.864m
Foot median: 11.514m
ORC Headsail area: 30.293m?
IRC Headsail area: 30.206m?
Surface area: 30.619m?
Forestay height: 12.588m
J: 3.650m

Luff Curve

11.828m, 0.000m
8.871m, 0.051m
5.915m, 0.067m
2.957m, 0.051m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.269m])		Before BSeam
100% (11.828m) :	0.000m	-0.000m
90% (10.645m) :	-0.021m	0.016m
80% (9.463m) :	-0.040m	0.032m
70% (8.280m) :	-0.055m	0.048m
60% (7.097m) :	-0.065m	0.061m
50% (5.914m) :	-0.069m	0.066m
40% (4.731m) :	-0.068m	0.064m
30% (3.548m) :	-0.061m	0.055m
20% (2.366m) :	-0.047m	0.039m
10% (1.181m) :	-0.026m	0.018m
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	0.100m	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	22.30
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	30.70	1,2,3,4,5 6,7,8,9