

Genoa: 6000612-2 Head.des

Design Info
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Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6000612 Michael\6000612-2 Head.des

Initial Design Date: 6/7/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	11.180m
Leech geodesic:	9.587m
Foot geodesic:	5.334m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.627m
Upper width (HUW):	0.537m
Three-quarter width (HTW):	1.053m
Half width (HHW):	2.167m
Quarter width (HQW):	3.376m
Foot median:	10.257m
ORC Headsail area:	25.016m?
IRC Headsail area:	24.976m?
Surface area:	25.466m?
Forestay height:	12.497m
J:	4.206m

Luff Curve

11.179m,	0.000m
8.384m,	0.048m
5.590m,	0.064m
2.795m,	0.048m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.257m])		Before BSeam
100% (11.179m) :	0.000m	0.000m
90% (10.061m) :	-0.022m	0.010m
80% (8.943m) :	-0.043m	0.021m
70% (7.825m) :	-0.060m	0.030m
60% (6.707m) :	-0.069m	0.038m
50% (5.589m) :	-0.073m	0.045m
40% (4.471m) :	-0.071m	0.049m
30% (3.353m) :	-0.064m	0.050m
20% (2.236m) :	-0.048m	0.044m
10% (1.116m) :	-0.026m	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

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	17.26
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	25.51	1,2,3,4,5 6,7,8

