

Genoa: 3000101 Alan 115 Genoa.des

Design Info

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Design File:

G:\System\Dropbox\Dropbox\Dropbox\Dropbox\Fareastsails sails\order\Mike computer\Fareast Sails Production

Initial Design Date: 10/2/2019

Boat:

Client:

Comments:

Design Data

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Genoa

Measurements

Luff geodesic:	11.582m
Leech geodesic:	11.224m
Foot geodesic:	4.915m
Headboard width:	0.005m
Luff perpendicular (HLP):	4.732m
Upper width (HUW):	0.493m
Three-quarter width (HTW):	1.011m
Half width (HHW):	2.196m
Quarter width (HQW):	3.439m
Foot median:	11.305m
ORC Headsail Area:	26.211m?
IRC Headsail Area:	26.146m?
Surface Area:	26.375m?

Luff Curve

11.580m,	0.000m
10.618m,	0.039m
9.553m,	0.071m
8.617m,	0.087m
7.527m,	0.094m
5.763m,	0.082m
3.763m,	0.056m
1.957m,	0.028m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.2Before BSeam

100% (11.580m) :	-0.000m	0.000m
90% (10.420m) :	-0.044m	-0.016m
80% (9.266m) :	-0.080m	-0.026m
70% (8.106m) :	-0.094m	-0.014m
60% (6.949m) :	-0.093m	0.008m
50% (5.790m) :	-0.084m	0.026m
40% (4.632m) :	-0.069m	0.035m
30% (3.474m) :	-0.052m	0.036m
20% (2.317m) :	-0.035m	0.031m
10% (1.157m) :	-0.017m	0.018m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
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	0.050m	0.050m	0.050m
Cover 1	0.050m	0.050m	0.050m

Materials

Material	Area (m ²)	Panels
Material 1	26.45	1,2,3,4,5 6,7,8,9,10



