

Genoa: 7000119 Tom-2 wire jib.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000119 To

Initial Design Date: 31/1/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	5.258m
Leech geodesic:	5.383m
Foot geodesic:	3.429m
Headboard width:	0.050m
Luff perpendicular (HLP):	3.306m
Upper width (HUW):	0.406m
Three-quarter width (HTW):	0.785m
Half width (HHW):	1.589m
Quarter width (HQW):	2.438m
Foot median:	5.172m
ORC Headsail area:	8.543m?
IRC Headsail area:	8.520m?
Surface area:	8.681m?
Forestay height:	5.486m
J:	1.829m

Draft Stripes

1, Luff: 1.744m ; Leech: 1.858m ;
2, Luff: 3.484m ; Leech: 3.584m ;

Luff Curve

5.257m,	0.000m
4.820m,	0.018m
4.337m,	0.032m
3.912m,	0.040m
3.417m,	0.042m
2.616m,	0.037m
1.708m,	0.025m
0.889m,	0.013m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.169m])

100% (5.257m) :	0.000m	0.000m
90% (4.731m) :	-0.018m	0.006m
80% (4.206m) :	-0.032m	0.012m
70% (3.680m) :	-0.039m	0.019m
60% (3.154m) :	-0.040m	0.026m
50% (2.629m) :	-0.037m	0.031m
40% (2.103m) :	-0.031m	0.032m
30% (1.577m) :	-0.024m	0.029m
20% (1.052m) :	-0.016m	0.023m
10% (0.525m) :	-0.008m	0.014m
0% (0.000m) :	-0.000m	0.000m

Before BSeam

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.020m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	9.60
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	8.72	1,2,3,4,5 6

