

Genoa: 8000405 Tim-3 Wylie 38 stormJib.des

Design Info

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Initial Design Date: 11/4/2024
Boat:
Wylie 38
Client:

Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000405 Tim Wylie

Comments:

Design Data

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Genoa

Measurements

Luff geodesic:	6.100m
Leech geodesic:	4.820m
Foot geodesic:	3.050m
Headboard width:	0.050m
Luff perpendicular (HLP):	2.366m
Upper width (HUW):	0.279m
Three-quarter width (HTW):	0.522m
Half width (HHW):	1.077m
Quarter width (HQW):	1.700m
Foot median:	5.276m
ORC Headsail area:	6.904m?
IRC Headsail area:	6.882m?
Surface area:	6.852m?
Forestay height:	19.900m
J:	6.510m

Luff Curve

6.098m,	0.000m
5.592m,	0.023m
5.031m,	0.042m
4.538m,	0.052m
3.964m,	0.056m
3.035m,	0.049m
1.982m,	0.033m
1.031m,	0.017m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.142m])

100% (6.099m) :	-0.000m
90% (5.488m) :	-0.024m
80% (4.880m) :	-0.046m
70% (4.269m) :	-0.058m
60% (3.660m) :	-0.058m
50% (3.050m) :	-0.051m
40% (2.440m) :	-0.042m
30% (1.830m) :	-0.032m
20% (1.220m) :	-0.022m
10% (0.609m) :	-0.011m
0% (0.000m) :	0.000m

Before BSeam

-0.000m
-0.019m
-0.036m
-0.043m
-0.039m
-0.029m
-0.019m
-0.011m
-0.007m
-0.004m
0.000m

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.040m	0.040m	0.040m

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

Total Seam Lengths (m)

Horizontal	10.28
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	6.91	1,2,3,4,5 6,7

