

Asymmetric: 7001105 Tomass Albin Vega 27 Code 0.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001105 Tomass\7

Initial Design Date: 29/11/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	9.100m	
Leech length (SLE):	8.266m	
Foot length (SFL):	5.025m	
Headboard Width:	0.010m	
Three-quarter width:	1.785m	Closest Pt: 1.532m
Half width (SHW):	3.207m	Closest Pt: 2.846m
Quarter width:	4.245m	Closest Pt: 3.845m
ORC Area:	25.838m?	
IRC Area:	25.734m?	
Surface Area:	24.855m?	
Hoist height:	9.250m	
J:	3.351m	

Luff Curve

15.500m,	0.000m
11.625m,	0.000m
7.750m,	0.000m
3.875m,	0.000m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.242m])

100% (9.083m) :	0.000m	-0.000m
90% (8.173m) :	-0.091m	0.024m
80% (7.265m) :	-0.170m	0.062m
70% (6.356m) :	-0.223m	0.104m
60% (5.449m) :	-0.247m	0.130m
50% (4.541m) :	-0.242m	0.141m
40% (3.633m) :	-0.222m	0.136m
30% (2.725m) :	-0.185m	0.115m
20% (1.817m) :	-0.135m	0.090m
10% (0.909m) :	-0.071m	0.055m
0% (0.000m) :	0.000m	0.000m

Before BSeam

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.030m	0.016m	0.030m
Zone: 1/b	0.030m	0.016m	0.030m
Zone: 2/a	0.030m	0.016m	0.030m
Zone: 2/b	0.030m	0.016m	0.030m
Zone: 3	0.030m	0.016m	0.030m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	6.71
Radial/Vertical	83.14
Bi-Radial Split	5.46

Materials

Material	Area (m ²)	Panels
Material 1	22.07	1\1,1\2,1\3,1\5,1\6 1\7,1\8,1\9,1b1,1b2 1b3,1b4,1b6,1b7,1b8 1b9,1b10,2\1,2\2,2\3 2b2,2b3,2b4,2b5,3\1 3\2,3\3,3\4,3\5,3\6
Material 4	2.83	1\4,1b5,2\4,2b1

