

Asymmetric: 7000522 Dan-3 Asy Spinnaker.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000522 Dan\7000522

Initial Design Date: 30/5/2023
Boat:

Comments:

Client:

Design Data
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Asymmetric

Measurements

Luff length (SLU):	50.000Ft	
Leech length (SLE):	46.552Ft	
Foot length (SFL):	24.301Ft	
Headboard Width:	0.033Ft	
Three-quarter width:	15.157Ft	Closest Pt: 12.950Ft
Half width (SHW):	25.784Ft	Closest Pt: 24.422Ft
Quarter width:	26.680Ft	Closest Pt: 27.791Ft
ORC Area:	1025.363Ft?	
IRC Area:	1021.262Ft?	
Surface Area:	1056.458Ft?	
Hoist height:	48.000Ft	
J:	13.500Ft	

Luff Curve

		Fanned Luff (@ 5.00% [1.020Ft])	Before BSeam
33.953Ft,	0.000Ft	100% (49.795Ft) :	0.000Ft
25.465Ft,	0.000Ft	88% (43.627Ft) :	2.643Ft
16.977Ft,	0.000Ft	76% (37.807Ft) :	4.943Ft
8.488Ft,	0.000Ft	65% (32.434Ft) :	6.618Ft
0.000Ft,	0.000Ft	55% (27.525Ft) :	7.301Ft
		46% (22.933Ft) :	7.152Ft
		37% (18.457Ft) :	6.324Ft
		28% (13.972Ft) :	4.994Ft
		19% (9.420Ft) :	3.407Ft
		10% (4.759Ft) :	1.752Ft
		0% (0.000Ft) :	0.000Ft

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.082Ft	0.049Ft	0.082Ft
Zone: 1/b	0.082Ft	0.049Ft	0.082Ft
Zone: 2/a	0.082Ft	0.049Ft	0.082Ft
Zone: 2/b	0.082Ft	0.049Ft	0.082Ft
Zone: 3/a	0.082Ft	0.049Ft	0.082Ft
Zone: 3/b	0.082Ft	0.049Ft	0.082Ft
Zone: 4	0.082Ft	0.049Ft	0.082Ft

Edge Excesses

Sail:	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

Total Seam Lengths (Ft)

Horizontal	78.33
Radial/Vertical	879.33
Bi-Radial Split	33.20

Materials

Material	Area (Ft ²)	Panels
Material 1	1055.98	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1\13,1\14,1\15 1\16,1b\1,1b\2,1b\3,1b\4 1b\5,1b\6,1b\7,1b\8,1b\9 1b\10,1b\11,1b\12,1b\13,1b\14 1b\15,1b\16,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9,2b\9,2b\8,2b\7,2b\6 2b\5,2b\4,2b\3,2b\2,2b\1 3\1,3\2,3\3,3\4,3\5 3\6,3\7,3\8,3b\8,3b\7 3b\6,3b\5,3b\4,3b\3,3b\2 3b\1,4\1,4\2,4\3,4\4 4\5,4\6,4\7,4\8,4\9 4\10,4\11,4\12

