

Asymmetric: 7000522 Dan-3 Asy SpinnakerV1.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):	53.200Ft	
Leech length (SLE):	49.450Ft	
Foot length (SFL):	26.600Ft	
Headboard Width:	0.033Ft	
Three-quarter width:	15.630Ft	Closest Pt: 13.606Ft
Half width (SHW):	26.579Ft	Closest Pt: 25.266Ft
Quarter width:	28.194Ft	Closest Pt: 29.147Ft
ORC Area:	1137.006Ft?	
IRC Area:	1132.458Ft?	
Surface Area:	1171.692Ft?	
Hoist height:	48.000Ft	
J:	13.500Ft	

Luff Curve

		Fanned Luff (@ 5.00% [1.122Ft])	Before BSeam
33.953Ft,	0.000Ft	100% (53.019Ft) :	0.000Ft -0.000Ft
25.465Ft,	0.000Ft	88% (46.495Ft) :	-0.201Ft 2.690Ft
16.977Ft,	0.000Ft	76% (40.330Ft) :	-0.459Ft 5.030Ft
8.488Ft,	0.000Ft	65% (34.628Ft) :	-0.760Ft 6.708Ft
0.000Ft,	0.000Ft	55% (29.406Ft) :	-1.114Ft 7.361Ft
		46% (24.495Ft) :	-1.475Ft 7.176Ft
		37% (19.692Ft) :	-1.739Ft 6.330Ft
		28% (14.884Ft) :	-1.806Ft 5.000Ft
		19% (10.017Ft) :	-1.556Ft 3.415Ft
		10% (5.051Ft) :	-0.894Ft 1.758Ft
		0% (0.000Ft) :	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	81.44
Radial/Vertical	940.47
Bi-Radial Split	34.92

Materials

Material	Area (Ft ²)	Panels
Material 1	1171.36	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

