

Genoa: 7000719 Kimberly-2 jib .des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000719 Kimberly\70

Initial Design Date: 27/7/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	439.57In
Leech geodesic:	364.86In
Foot geodesic:	165.98In
Headboard width:	1.18In
Luff perpendicular (HLP):	133.95In
Upper width (HUW):	14.04In
Three-quarter width (HTW):	28.50In
Half width (HHW):	60.25In
Quarter width (HQW):	95.73In
Foot median:	399.04In
ORC Headsail area:	193.301Ft?
IRC Headsail area:	192.853Ft?
Surface area:	195.667Ft?
Forestay height:	444.00In
J:	141.00In

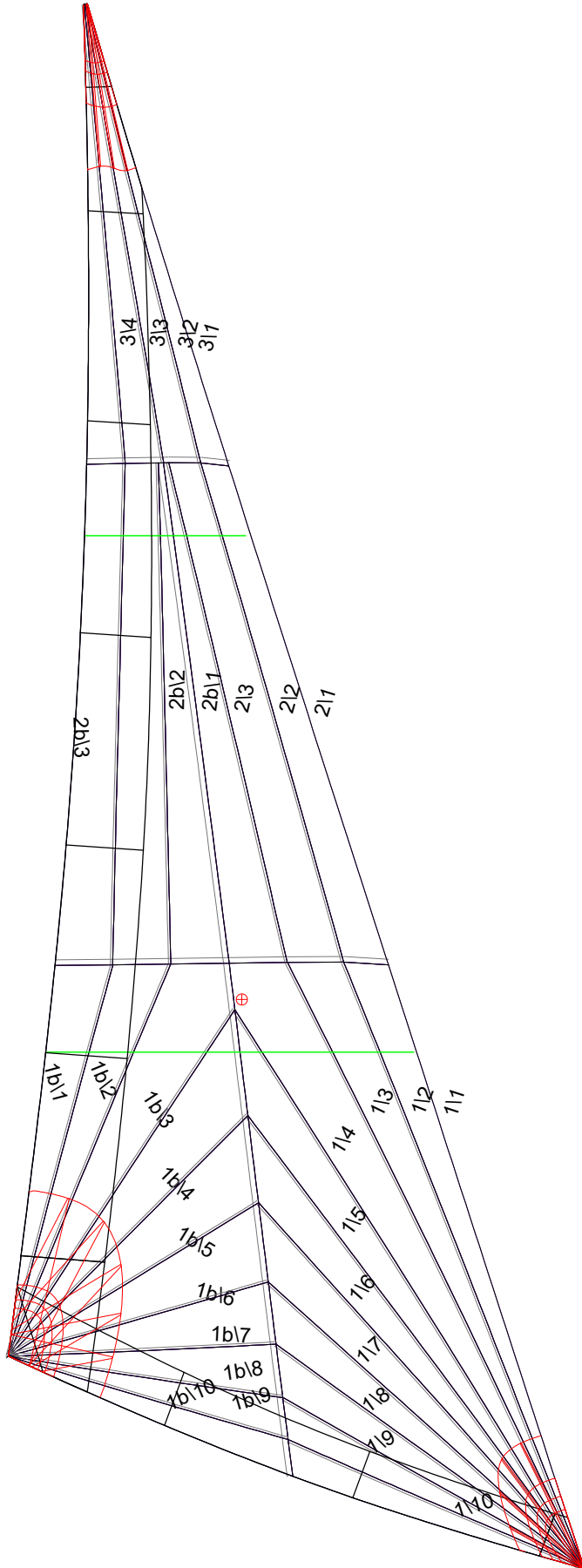
Draft Stripes

1, Luff: 145.55In ; Leech: 82.72In ;
2, Luff: 290.92In ; Leech: 221.05In ;

Luff Curve

		Fanned Luff (@ 5.00% [7.71In])	Before BSeam	
439.51In,	0.00In	100% (439.50In) :	-0.00In	0.00In
402.99In,	1.11In	90% (395.57In) :	-1.64In	-0.62In
362.59In,	2.00In	80% (351.62In) :	-2.61In	-0.51In
327.04In,	2.46In	70% (307.68In) :	-3.09In	-0.04In
285.69In,	2.64In	60% (263.72In) :	-3.11In	0.43In
218.72In,	2.31In	50% (219.77In) :	-2.84In	0.83In
142.84In,	1.57In	40% (175.81In) :	-2.41In	1.12In
74.29In,	0.78In	30% (131.86In) :	-1.89In	1.26In
0.00In,	0.00In	20% (87.91In) :	-1.29In	1.19In
		10% (43.93In) :	-0.67In	0.78In
		0% (0.00In) :	0.00In	0.00In

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	1.496In	0.630In	1.496In
Zone: 1/b	1.496In	0.630In	1.496In
Zone: 2/a	1.496In	0.630In	1.496In
Zone: 2/b	1.496In	0.630In	1.496In
Zone: 3	1.496In	0.630In	1.496In
Cover 1	0.984In	0.984In	0.984In
Cover 2	0.984In	0.984In	0.984In
Cover 3	0.000In	0.000In	0.000In
Cover 4	0.000In	0.000In	0.000In

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000In	0.000In	0.000In
Cover 0	2.756In	3.937In	2.756In
Cover 1	2.756In	2.756In	3.937In
Cover 2	0.000In	2.756In	2.756In
Cover 3	0.000In	2.756In	2.756In

Total Seam Lengths (In)

Horizontal	135.15
Radial/Vertical	2961.70
Bi-Radial Split	284.01

Materials

Material	Area (Ft ²)	Panels
Material 1	195.84	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 2\1,2\2,2\3,2b\1,2b\2 2b\3,3\1,3\2,3\3,3\4