

Genoa: 7000527 Noah-2 Seasprite 23 Jib.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000527 Noah\70005

Initial Design Date: 8/6/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	23.737Ft
Leech geodesic:	21.785Ft
Foot geodesic:	7.781Ft
Headboard width:	0.098Ft
Luff perpendicular (HLP):	7.125Ft
Upper width (HUW):	0.780Ft
Three-quarter width (HTW):	1.507Ft
Half width (HHW):	3.155Ft
Quarter width (HQW):	5.049Ft
Foot median:	22.623Ft
ORC Headsail area:	79.570Ft?
IRC Headsail area:	79.388Ft?
Surface area:	79.669Ft?
Forestay height:	25.000Ft
J:	7.500Ft

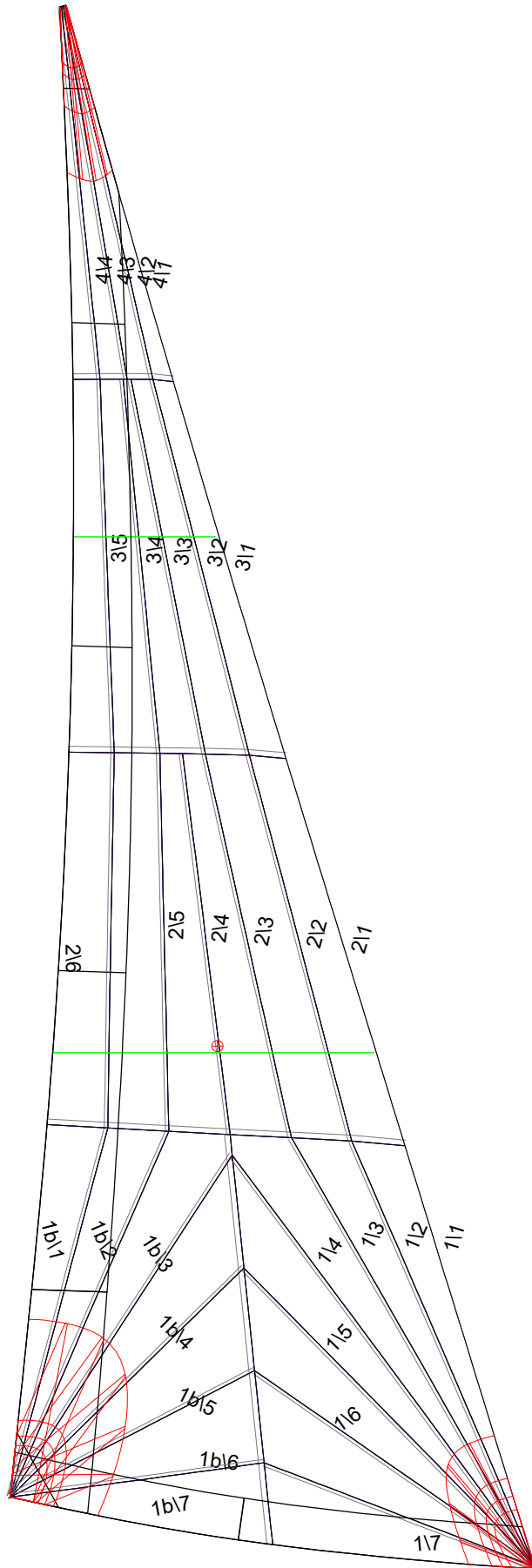
Draft Stripes

1, Luff: 7.859Ft ; Leech: 6.512Ft ;
2, Luff: 15.708Ft ; Leech: 14.006Ft ;

Luff Curve

		Fanned Luff (@ 5.00% [0.382Ft])	Before BSeam
23.734Ft,	0.000Ft	100% (23.735Ft) :	0.000Ft
21.762Ft,	0.060Ft	90% (21.361Ft) :	-0.022Ft
19.581Ft,	0.108Ft	80% (18.989Ft) :	-0.033Ft
17.661Ft,	0.133Ft	70% (16.615Ft) :	-0.033Ft
15.428Ft,	0.142Ft	60% (14.242Ft) :	-0.025Ft
11.811Ft,	0.125Ft	50% (11.868Ft) :	-0.011Ft
7.714Ft,	0.085Ft	40% (9.494Ft) :	0.003Ft
4.012Ft,	0.042Ft	30% (7.120Ft) :	0.011Ft
0.000Ft,	0.000Ft	20% (4.748Ft) :	0.015Ft
		10% (2.373Ft) :	0.013Ft
		0% (0.000Ft) :	0.000Ft

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.082Ft	0.049Ft	0.082Ft
Zone: 1/b	0.082Ft	0.049Ft	0.082Ft
Zone: 2	0.082Ft	0.049Ft	0.082Ft
Zone: 3	0.082Ft	0.049Ft	0.082Ft
Zone: 4	0.082Ft	0.049Ft	0.082Ft
Cover 1	0.082Ft	0.082Ft	0.082Ft
Cover 2	0.000Ft	0.000Ft	0.000Ft
Cover 3	0.082Ft	0.082Ft	0.082Ft
Cover 4	0.082Ft	0.082Ft	0.082Ft

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft
Cover 0	0.230Ft	0.328Ft	0.230Ft
Cover 1	0.000Ft	0.230Ft	0.230Ft
Cover 2	0.230Ft	0.230Ft	0.328Ft
Cover 3	0.230Ft	0.230Ft	0.328Ft

Total Seam Lengths (Ft)

Horizontal	10.25
Radial/Vertical	134.85
Bi-Radial Split	6.38

Materials

Material	Area (Ft ²)	Panels
Material 1	79.83	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,2\1 2\2,2\3,2\4,2\5,2\6 3\1,3\2,3\3,3\4,3\5 4\1,4\2,4\3,4\4