

Genoa: 7000924 Jed Albin ballad 30 Headsail.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000924 Jed\70009

Initial Design Date: 26/10/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	405.82In
Leech geodesic:	387.00In
Foot geodesic:	204.00In
Headboard width:	1.30In
Luff perpendicular (HLP):	193.34In
Upper width (HUW):	21.61In
Three-quarter width (HTW):	43.20In
Half width (HHW):	90.21In
Quarter width (HQW):	141.18In
Foot median:	389.68In
ORC Headsail area:	262.904Ft?
IRC Headsail area:	261.984Ft?
Surface area:	265.194Ft?
Forestay height:	444.88In
J:	146.85In

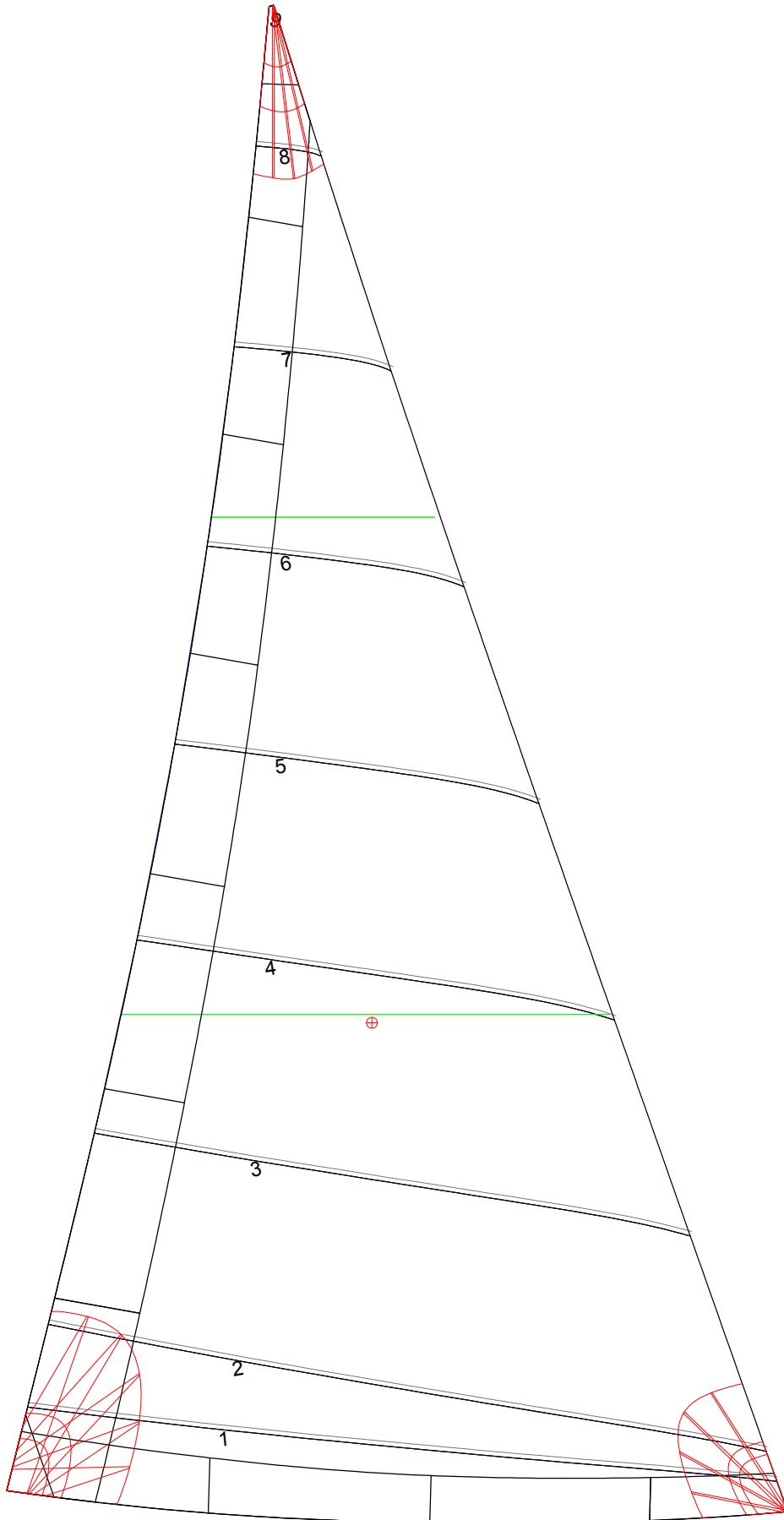
Draft Stripes

1, Luff: 134.59In ; Leech: 125.60In ;
2, Luff: 268.92In ; Leech: 253.97In ;

Luff Curve

		Fanned Luff (@ 5.00% [9.95In])	Before BSeam
405.74In,	0.00In	100% (405.74In) :	0.00In
372.02In,	1.38In	90% (365.12In) :	-1.57In
334.73In,	2.49In	80% (324.66In) :	-2.67In
301.91In,	3.06In	70% (284.04In) :	-3.22In
263.74In,	3.28In	60% (243.47In) :	-3.25In
201.91In,	2.88In	50% (202.88In) :	-2.95In
131.86In,	1.95In	40% (162.31In) :	-2.47In
68.58In,	0.98In	30% (121.72In) :	-1.89In
0.00In,	0.00In	20% (81.17In) :	-1.27In
		10% (40.54In) :	-0.64In
		0% (0.00In) :	0.00In

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	1.181In	1.181In	1.181In
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	4.331In	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	911.87
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	265.70	1,2,3,4,5 6,7,8,9