

Genoa: 7000111 Rene-Francois headsail.des

Design Info
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Design File:
F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000111 Re

Initial Design Date: 31/1/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	31.184Ft
Leech geodesic:	31.086Ft
Foot geodesic:	16.434Ft
Headboard width:	0.098Ft
Luff perpendicular (HLP):	15.909Ft
Upper width (HUW):	1.839Ft
Three-quarter width (HTW):	3.652Ft
Half width (HHW):	7.531Ft
Quarter width (HQW):	11.657Ft
Foot median:	30.661Ft
ORC Headsail area:	241.134Ft?
IRC Headsail area:	240.621Ft?
Surface area:	243.961Ft?
Forestay height:	33.600Ft
J:	11.000Ft

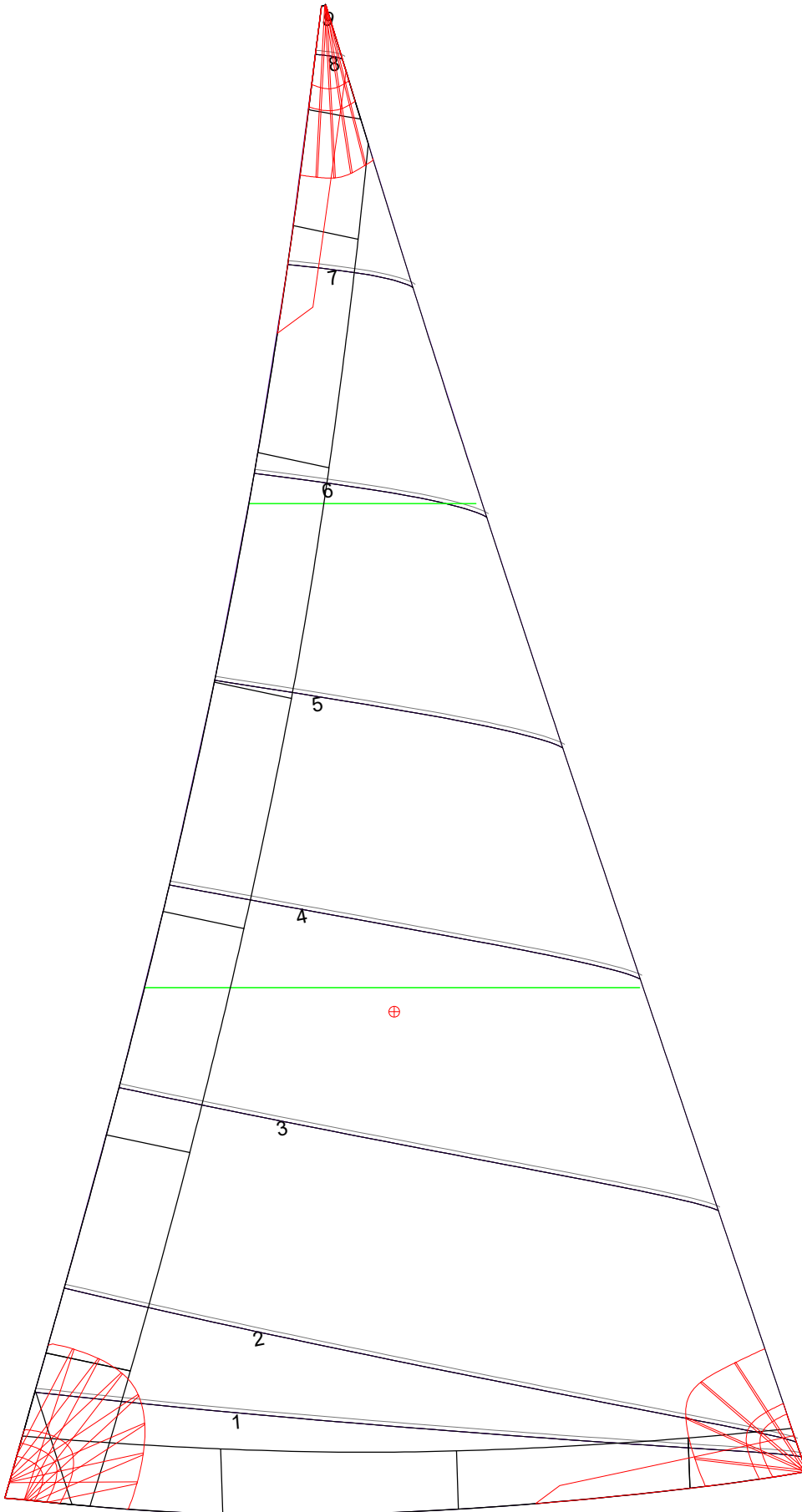
Draft Stripes

1, Luff: 10.340Ft ; Leech: 10.777Ft ;
2, Luff: 20.661Ft ; Leech: 20.732Ft ;

Luff Curve

		Fanned Luff (@ 5.00% [0.809Ft])	Before BSeam
31.178Ft,	0.000Ft	100% (31.179Ft) :	0.000Ft
28.587Ft,	0.106Ft	90% (28.057Ft) :	-0.108Ft
25.722Ft,	0.191Ft	80% (24.948Ft) :	-0.190Ft
23.200Ft,	0.235Ft	70% (21.826Ft) :	-0.231Ft
20.267Ft,	0.252Ft	60% (18.709Ft) :	-0.238Ft
15.515Ft,	0.221Ft	50% (15.590Ft) :	-0.218Ft
10.133Ft,	0.150Ft	40% (12.472Ft) :	-0.181Ft
5.270Ft,	0.075Ft	30% (9.354Ft) :	-0.138Ft
0.000Ft,	0.000Ft	20% (6.237Ft) :	-0.092Ft
		10% (3.116Ft) :	-0.046Ft
		0% (0.000Ft) :	-0.000Ft

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000Ft	0.000Ft	0.082Ft
Cover 1	0.082Ft	0.082Ft	0.082Ft
Cover 2	0.082Ft	0.082Ft	0.082Ft
Cover 3	0.000Ft	0.000Ft	0.000Ft
Cover 4	0.000Ft	0.000Ft	0.000Ft

Edge Excesses

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

Total Seam Lengths (Ft)

Horizontal	70.11
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	244.68	1,2,3,4,5 6,7,8,9