

# Genoa: 7000421 Evgeny Fareast 26 150%GenoaV1.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000421 Evgeny\700

Initial Design Date: 2/5/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	8.940m
Leech geodesic:	8.715m
Foot geodesic:	3.175m
Headboard width:	0.033m
Luff perpendicular (HLP):	3.105m
Upper width (HUW):	0.362m
Three-quarter width (HTW):	0.708m
Half width (HHW):	1.489m
Quarter width (HQW):	2.317m
Foot median:	8.786m
ORC Headsail area:	13.617m?
IRC Headsail area:	13.522m?
Surface area:	13.698m?
Forestay height:	10.660m
J:	2.300m

### Draft Stripes

1, Luff: 4.482m ; Leech: 4.296m ;

### Luff Curve

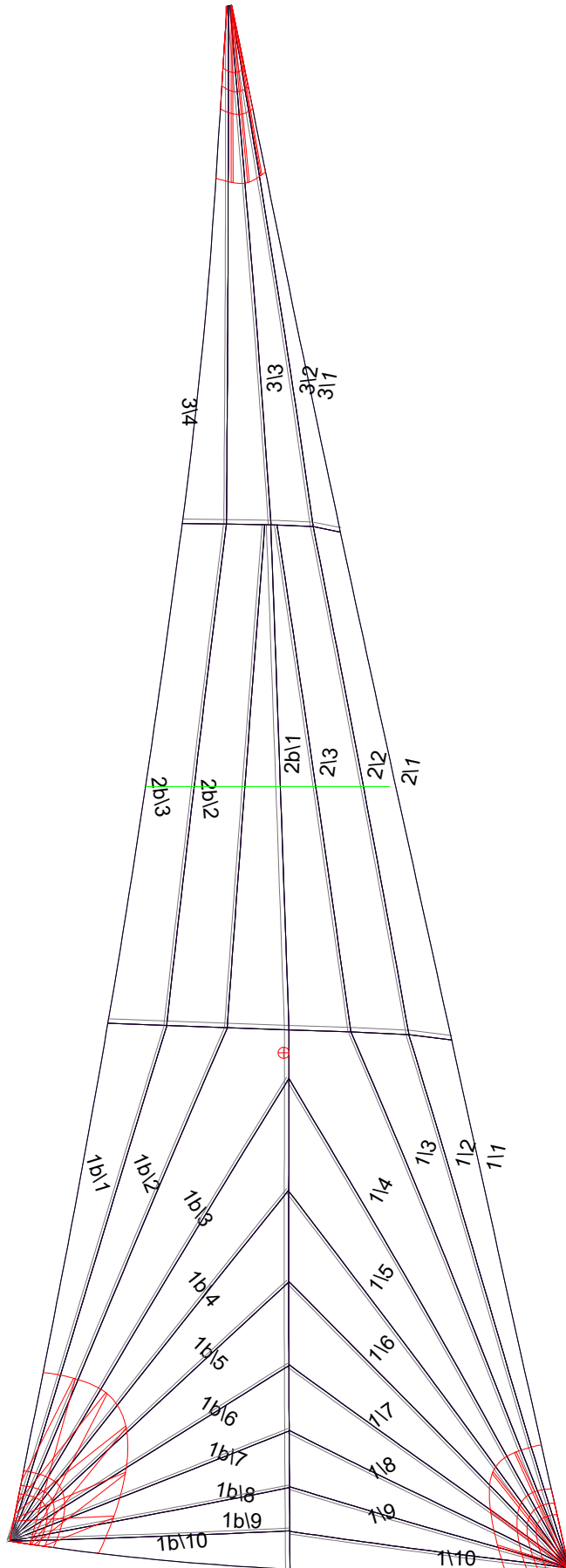
8.939m,	0.000m
8.196m,	0.028m
7.374m,	0.050m
6.651m,	0.062m
5.810m,	0.066m
4.448m,	0.058m
2.905m,	0.039m
1.511m,	0.020m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.156m])

100% (8.939m) :	-0.000m	0.000m
90% (8.045m) :	-0.028m	0.007m
80% (7.152m) :	-0.053m	0.015m
70% (6.258m) :	-0.065m	0.027m
60% (5.364m) :	-0.065m	0.041m
50% (4.470m) :	-0.060m	0.055m
40% (3.576m) :	-0.051m	0.065m
30% (2.682m) :	-0.041m	0.065m
20% (1.788m) :	-0.029m	0.056m
10% (0.893m) :	-0.016m	0.033m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3	0.025m	0.015m	0.025m

## Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

## Total Seam Lengths (m)

Horizontal	3.08
Radial/Vertical	62.69
Bi-Radial Split	6.05

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	13.72	1i1,1i2,1i3,1i4,1i5 1i6,1i7,1i8,1i9,1i10 1b1,1b2,1b3,1b4,1b5 1b6,1b7,1b8,1b9,1b10 2i1,2i2,2i3,2b1,2b2 2b3,3i1,3i2,3i3,3i4