

# Genoa: 7000605 Flavio-2 Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000605 Flavio\7000605 Flavio-2 Headsail.des

Initial Design Date: 15/6/2023  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	10.098m
Leech geodesic:	9.075m
Foot geodesic:	4.449m
Headboard width:	0.005m
Luff perpendicular (HLP):	4.012m
Upper width (HUW):	0.427m
Three-quarter width (HTW):	0.866m
Half width (HHW):	1.824m
Quarter width (HQW):	2.883m
Foot median:	9.463m
ORC Headsail area:	19.244m <sup>2</sup>
IRC Headsail area:	19.214m <sup>2</sup>
Surface area:	19.405m <sup>2</sup>
Forestay height:	10.300m
J:	3.647m

### Draft Stripes

1, Luff: 3.345m ; Leech: 2.648m ;  
2, Luff: 6.686m ; Leech: 5.803m ;

### Luff Curve

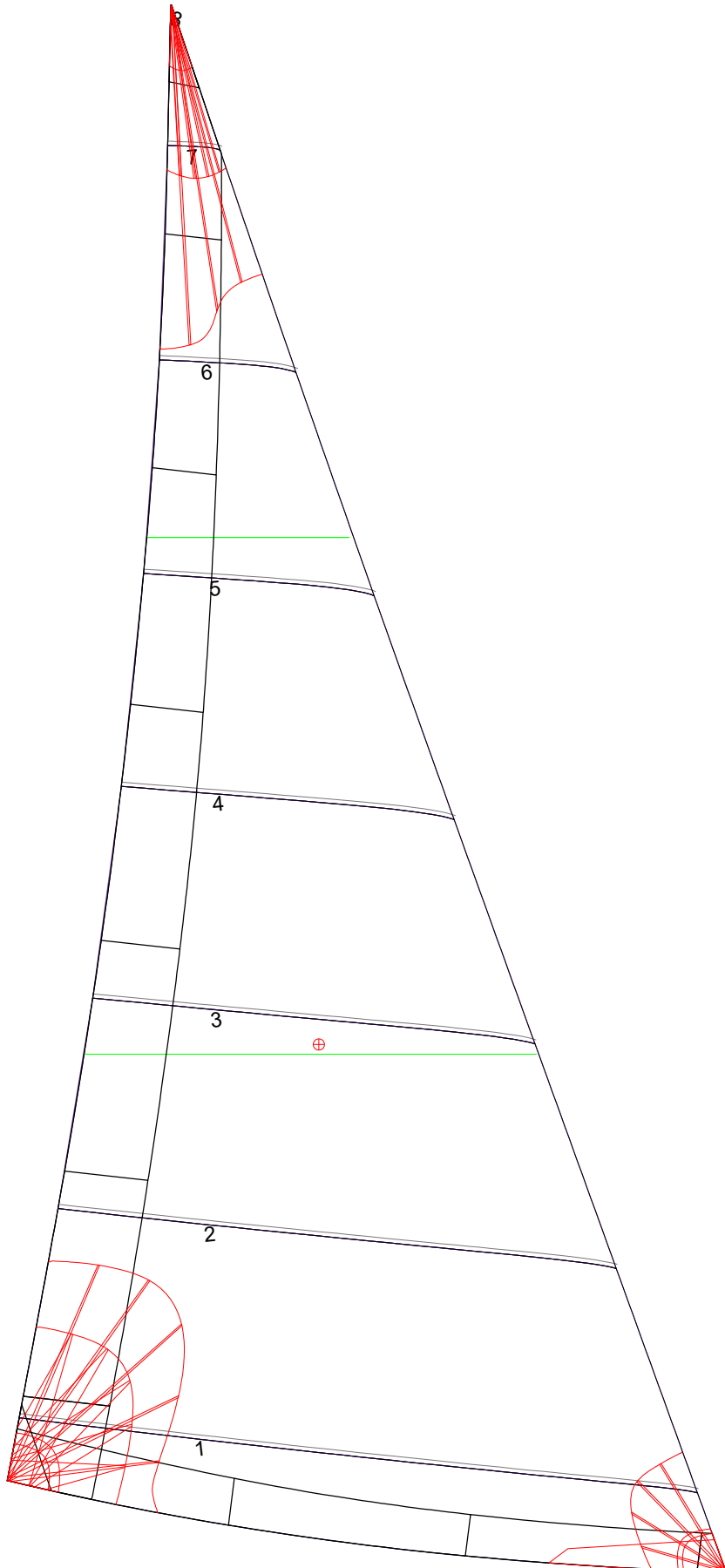
10.097m,	0.000m
9.258m,	0.025m
8.330m,	0.046m
7.513m,	0.057m
6.563m,	0.061m
5.025m,	0.053m
3.281m,	0.036m
1.707m,	0.018m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.218m])

100% (10.097m) :	-0.000m	-0.000m
90% (9.087m) :	-0.027m	-0.003m
80% (8.078m) :	-0.047m	-0.002m
70% (7.068m) :	-0.057m	0.001m
60% (6.059m) :	-0.059m	0.006m
50% (5.049m) :	-0.054m	0.012m
40% (4.039m) :	-0.045m	0.017m
30% (3.029m) :	-0.034m	0.017m
20% (2.020m) :	-0.022m	0.016m
10% (1.009m) :	-0.011m	0.011m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.026m	0.026m	0.026m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.100m	0.070m
Cover 1	0.070m	0.070m	0.100m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	15.35
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	19.47	1,2,3,4,5 6,7,8