

# Genoa: 8000426 Slavcho-2 H22 hanks jib.des

## Design Info

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## Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000426 Slavcho

Initial Design Date: 2/5/2024

Boat:

H22

Client:

Comments:

## Design Data

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### Genoa

#### Measurements

Luff geodesic:	7.623m
Leech geodesic:	6.797m
Foot geodesic:	2.942m
Headboard width:	0.045m
Luff perpendicular (HLP):	2.630m
Upper width (HUW):	0.309m
Three-quarter width (HTW):	0.588m
Half width (HHW):	1.208m
Quarter width (HQW):	1.898m
Foot median:	7.149m
ORC Headsail area:	9.629m <sup>2</sup>
IRC Headsail area:	9.601m <sup>2</sup>
Surface area:	9.696m <sup>2</sup>
Forestay height:	7.800m
J:	2.630m

#### Draft Stripes

1, Luff: 2.528m ; Leech: 1.937m ;  
2, Luff: 5.051m ; Leech: 4.321m ;

#### Luff Slides

1, Position: 0.800m  
2, Position: 1.559m  
3, Position: 2.318m  
4, Position: 3.077m  
5, Position: 3.836m  
6, Position: 4.596m  
7, Position: 5.355m  
8, Position: 6.114m  
9, Position: 6.873m

#### Luff Curve

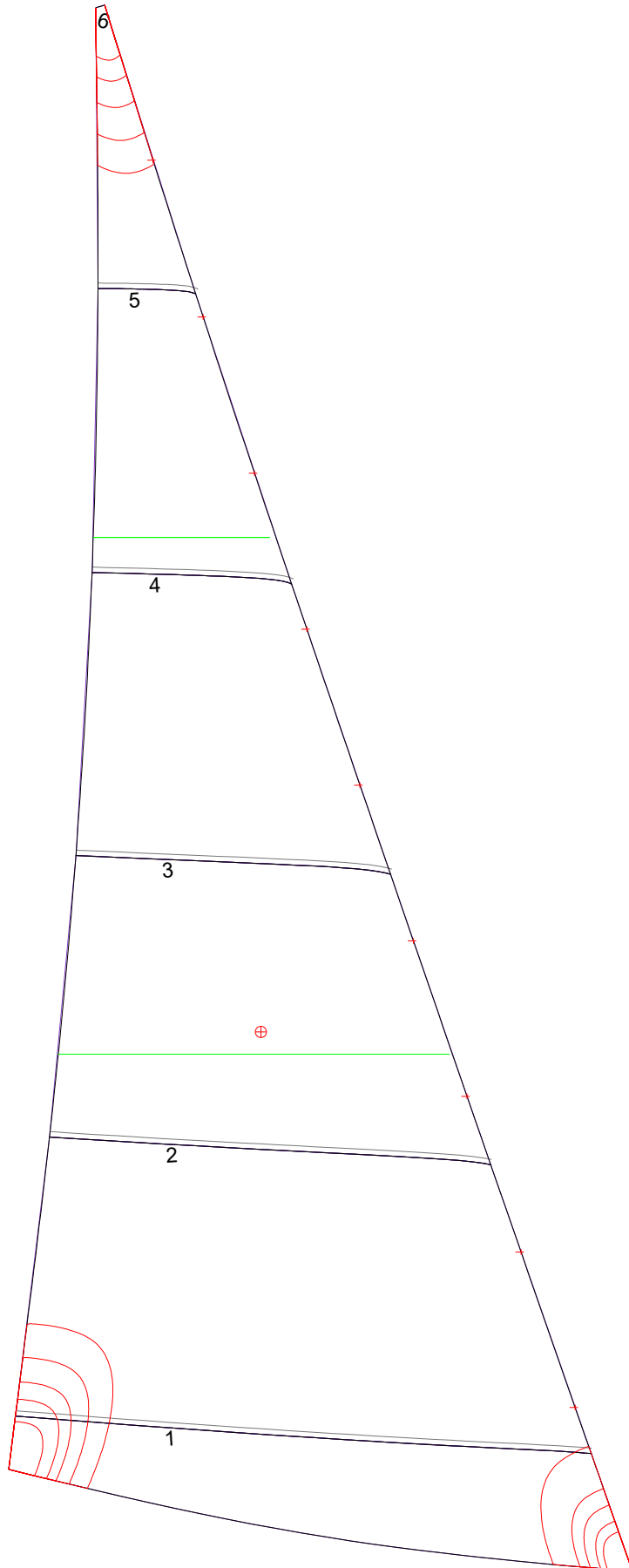
7.621m,	0.000m
6.988m,	0.026m
6.288m,	0.047m
5.671m,	0.058m
4.954m,	0.062m
3.793m,	0.054m
2.477m,	0.037m
1.288m,	0.018m
0.000m,	0.000m

#### Fanned Luff (@ 5.00% [0.144m])

100% (7.622m) :	-0.000m	-0.000m
90% (6.860m) :	-0.028m	-0.008m
80% (6.098m) :	-0.049m	-0.010m
70% (5.336m) :	-0.060m	-0.007m
60% (4.573m) :	-0.061m	0.000m
50% (3.811m) :	-0.057m	0.008m
40% (3.049m) :	-0.048m	0.013m
30% (2.286m) :	-0.037m	0.015m
20% (1.525m) :	-0.025m	0.015m
10% (0.762m) :	-0.013m	0.010m
0% (0.000m) :	0.000m	0.000m

#### Before BSeam

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.000m	0.000m	0.025m

Edge Excesses			
Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	7.81
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	9.73	1,2,3,4,5 6