

Genoa: 7000714 Yorgos-3 95% Hanks JibV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000714 Yorgos\70

Initial Design Date: 10/10/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	50.489Ft
Leech geodesic:	47.686Ft
Foot geodesic:	17.055Ft
Headboard width:	0.197Ft
Luff perpendicular (HLP):	16.150Ft
Upper width (HUW):	1.771Ft
Three-quarter width (HTW):	3.452Ft
Half width (HHW):	7.258Ft
Quarter width (HQW):	11.555Ft
Foot median:	48.761Ft
ORC Headsail area:	386.337Ft?
IRC Headsail area:	385.134Ft?
Surface area:	386.105Ft?
Forestay height:	51.000Ft
J:	17.000Ft

Draft Stripes

1, Luff: 12.683Ft ; Leech: 11.665Ft ;
2, Luff: 25.362Ft ; Leech: 23.641Ft ;
3, Luff: 37.986Ft ; Leech: 35.567Ft ;

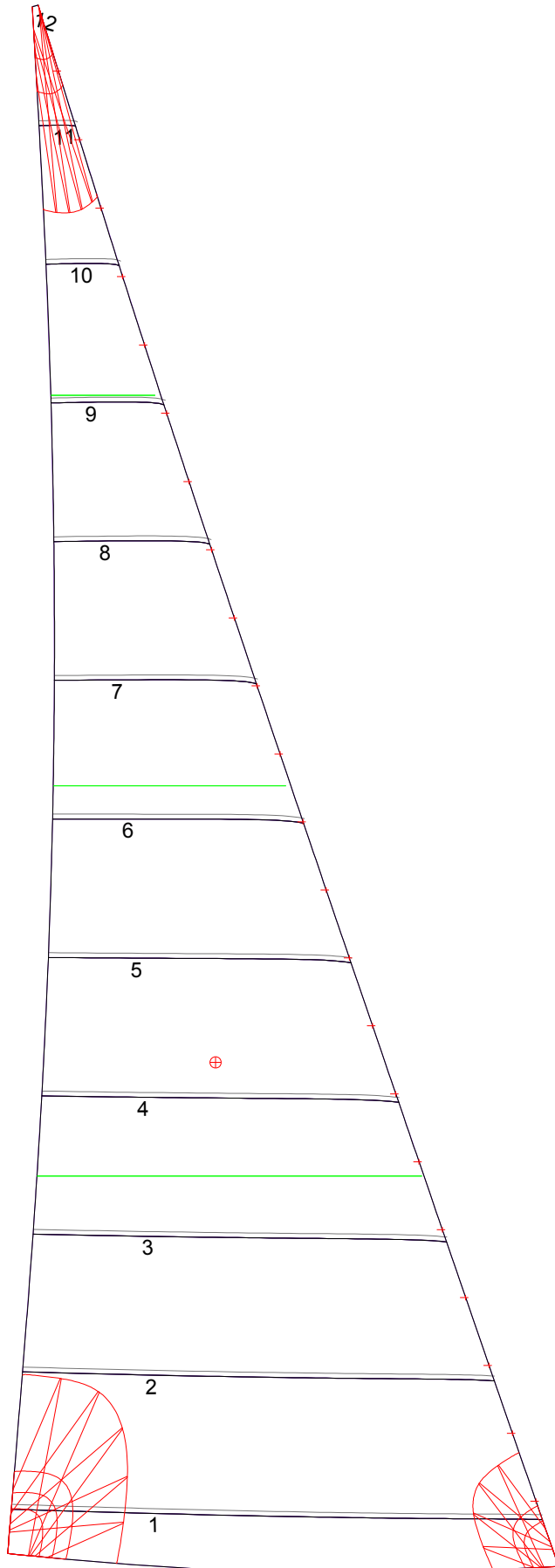
Luff Slides

1, Position: 2.117Ft
2, Position: 4.320Ft
3, Position: 6.523Ft
4, Position: 8.725Ft
5, Position: 10.928Ft
6, Position: 13.130Ft
7, Position: 15.333Ft
8, Position: 17.535Ft
9, Position: 19.738Ft
10, Position: 21.941Ft
11, Position: 24.143Ft
12, Position: 26.346Ft
13, Position: 28.548Ft
14, Position: 30.751Ft
15, Position: 32.954Ft
16, Position: 35.156Ft
17, Position: 37.359Ft
18, Position: 39.561Ft
19, Position: 41.764Ft
20, Position: 43.966Ft
21, Position: 46.169Ft
22, Position: 48.372Ft

Luff Curve

		Fanned Luff (@ 5.00% [0.845Ft])	Before BSeam
50.479Ft,	0.000Ft	100% (50.481Ft) :	0.000Ft -0.000Ft
46.285Ft,	0.171Ft	90% (45.428Ft) :	-0.182Ft -0.065Ft
41.645Ft,	0.310Ft	80% (40.392Ft) :	-0.315Ft -0.096Ft
37.561Ft,	0.381Ft	70% (35.338Ft) :	-0.382Ft -0.085Ft
32.813Ft,	0.408Ft	60% (30.291Ft) :	-0.394Ft -0.047Ft
25.120Ft,	0.358Ft	50% (25.242Ft) :	-0.364Ft -0.002Ft
16.406Ft,	0.243Ft	40% (20.194Ft) :	-0.308Ft 0.036Ft
8.532Ft,	0.121Ft	30% (15.144Ft) :	-0.240Ft 0.056Ft
0.000Ft,	0.000Ft	20% (10.099Ft) :	-0.164Ft 0.061Ft
		10% (5.043Ft) :	-0.085Ft 0.044Ft
		0% (0.000Ft) :	0.000Ft 0.000Ft

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Seam Allowances			
Zone: 1	Split	Radial	Cross
	0.148Ft	0.148Ft	0.148Ft

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

Total Seam Lengths (Ft)

Horizontal	92.54
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	387.15	1,2,3,4,5 6,7,8,9,10 11,12