

Mainsail: 7001210 Viggo Bavaria 32 RFMN.des

Design Info

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Initial Design Date: 21/2/2024
Boat:

Client:

Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\7001210 Viggo fur

Comments:

Design Data

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Main

Measurements

Luff geodesic:	10.790m
Leech geodesic:	11.226m
Foot geodesic:	3.910m
Head geodesic:	0.030m
Upper width (MUW):	0.457m
Three-quarter width (MTW):	0.898m
Half width (MHW):	1.877m
Quarter width (MQW):	2.882m
Foot median:	10.875m
ORC Mainsail area:	20.566m?
Surface area:	20.503m?
Clew height:	0.100m
Mast rake:	0.000m

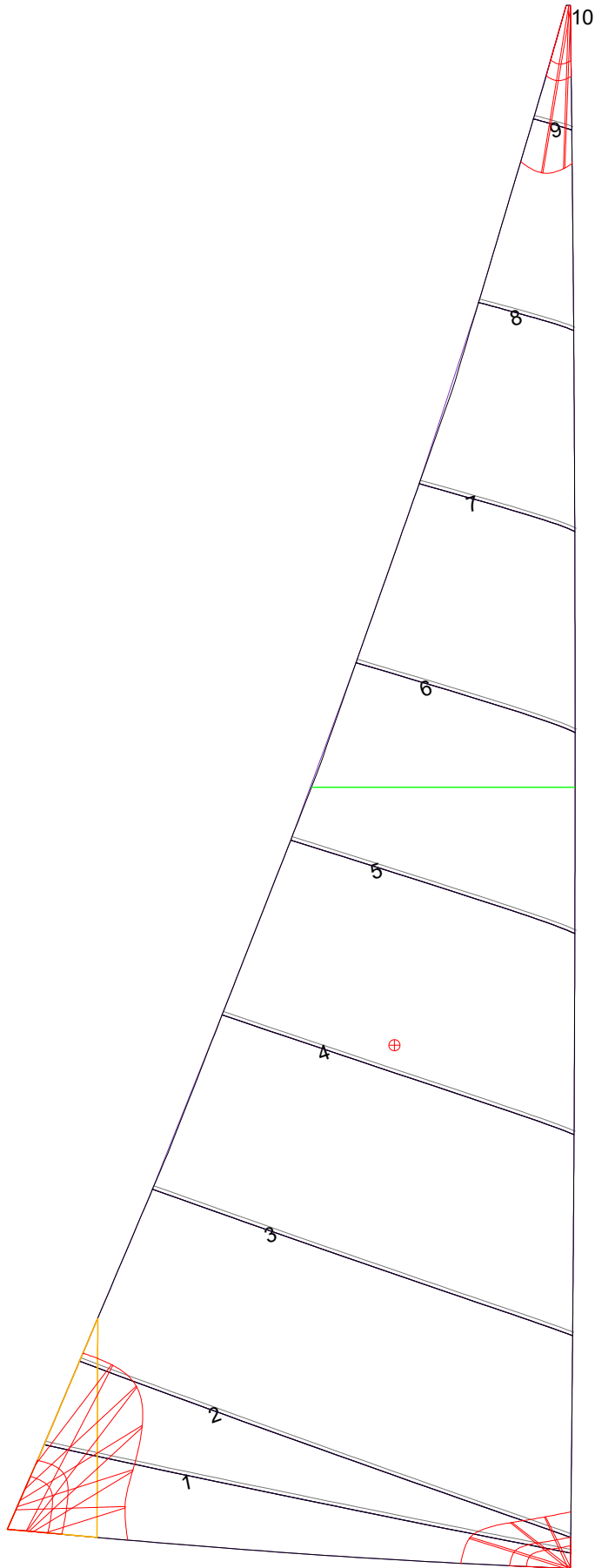
Draft Stripes

1, Luff: 5.393m ; Leech: 5.540m ;

Luff Curve

		Fanned Luff (@ 5.00% [0.194m])	Before BSeam	
10.790m,	0.000m	100% (10.790m) :	0.000m	-0.000m
9.445m,	-0.015m	90% (9.711m) :	0.008m	0.024m
8.092m,	-0.026m	80% (8.632m) :	0.016m	0.048m
6.736m,	-0.031m	70% (7.553m) :	0.022m	0.070m
5.395m,	-0.032m	60% (6.474m) :	0.024m	0.084m
4.020m,	-0.030m	50% (5.395m) :	0.024m	0.091m
2.697m,	-0.024m	40% (4.316m) :	0.021m	0.088m
1.345m,	-0.014m	30% (3.237m) :	0.017m	0.075m
0.000m,	0.000m	20% (2.158m) :	0.012m	0.054m
		10% (1.079m) :	0.005m	0.027m
		0% (0.000m) :	0.000m	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.025m	0.025m	0.025m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.000m	0.070m	0.070m
Cover 1	0.000m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	19.12
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	20.54	1,2,3,4,5 6,7,8,9,10