

Mainsail: 7001023 Rune-1 IMFurl main.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7001023 Rune\7001023 Rune-1 IMFurl main.des

Initial Design Date: 3/11/2023
Boat:

Comments:

Client:

Design Data
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Main

Measurements

Luff geodesic:	12.622m
Leech geodesic:	13.165m
Foot geodesic:	4.831m
Head geodesic:	0.030m
Upper width (MUW):	0.554m
Three-quarter width (MTW):	1.099m
Half width (MHW):	2.309m
Quarter width (MQW):	3.541m
Foot median:	12.719m
ORC Mainsail area:	29.578m ²
Surface area:	29.459m ²
Clew height:	0.385m
Mast rake:	0.000m

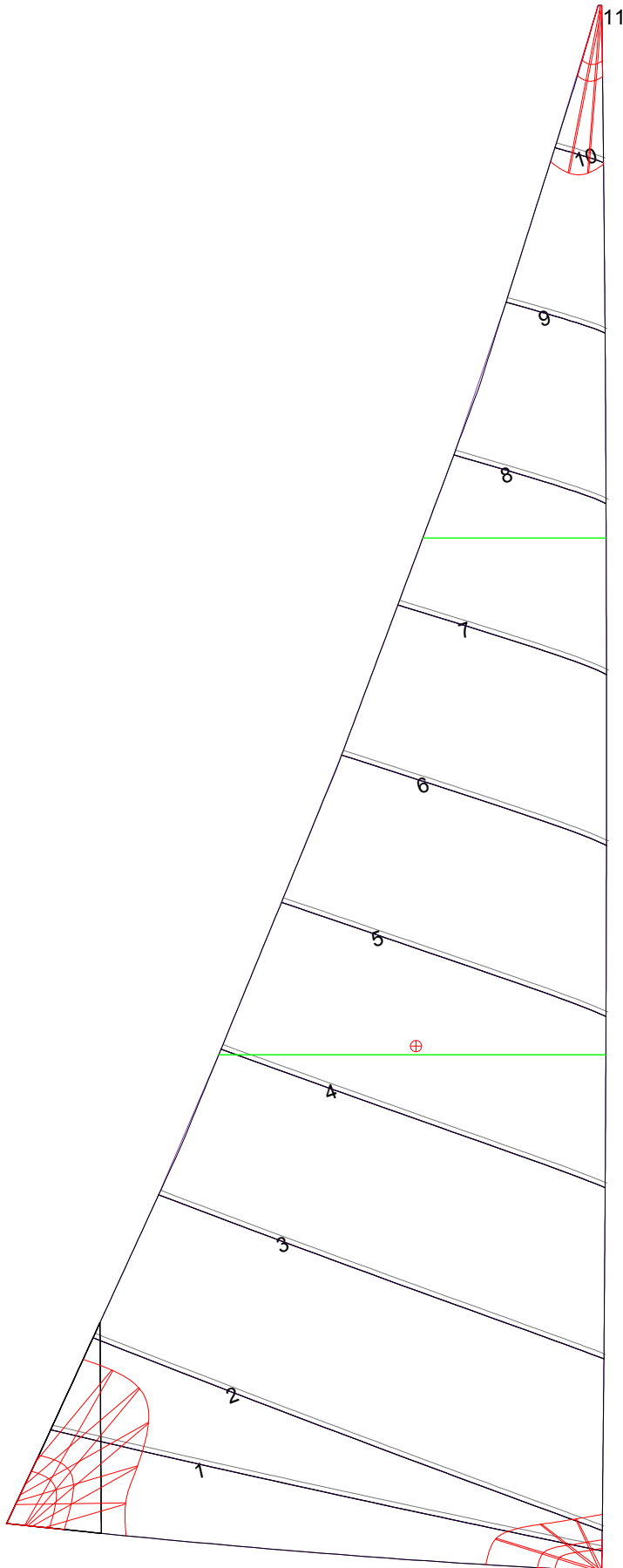
Draft Stripes

1, Luff: 4.163m ; Leech: 4.155m ;
2, Luff: 8.328m ; Leech: 8.626m ;

Luff Curve

		Fanned Luff (@ 5.00% [0.240m])	Before BSeam
12.622m,	0.000m	100% (12.622m) :	0.000m
11.049m,	-0.018m	90% (11.360m) :	0.029m
9.466m,	-0.030m	80% (10.097m) :	0.059m
7.880m,	-0.037m	70% (8.835m) :	0.086m
6.311m,	-0.038m	60% (7.573m) :	0.105m
4.703m,	-0.035m	50% (6.311m) :	0.113m
3.155m,	-0.028m	40% (5.049m) :	0.110m
1.573m,	-0.016m	30% (3.787m) :	0.095m
0.000m,	0.000m	20% (2.524m) :	0.069m
		10% (1.262m) :	0.035m
		0% (0.000m) :	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1	0.040m	0.040m	0.040m
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	26.04
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	29.51	1,2,3,4,5 6,7,8,9,10 11