

Mainsail: 8000712 Claudio-1 Jeanneau43DS IMFurlmain.des

Design Info

=====

Initial Design Date: 8/8/2024
Boat:
Jeanneau43DS
Client:

Design File:

\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000712 Claudio J

Comments:

Design Data

=====

Main

Measurements

Luff geodesic:	13.582m
Leech geodesic:	14.262m
Foot geodesic:	5.346m
Head geodesic:	0.033m
Upper width (MUW):	0.617m
Three-quarter width (MTW):	1.213m
Half width (MHW):	2.545m
Quarter width (MQW):	3.932m
Foot median:	13.715m
ORC Mainsail area:	35.233m?
Surface area:	35.080m?
Clew height:	0.100m
Mast rake:	0.000m

Luff Curve

13.582m,	0.000m
11.889m,	-0.015m
10.186m,	-0.027m
8.479m,	-0.032m
6.791m,	-0.033m
5.061m,	-0.031m
3.395m,	-0.025m
1.692m,	-0.014m
0.000m,	0.000m

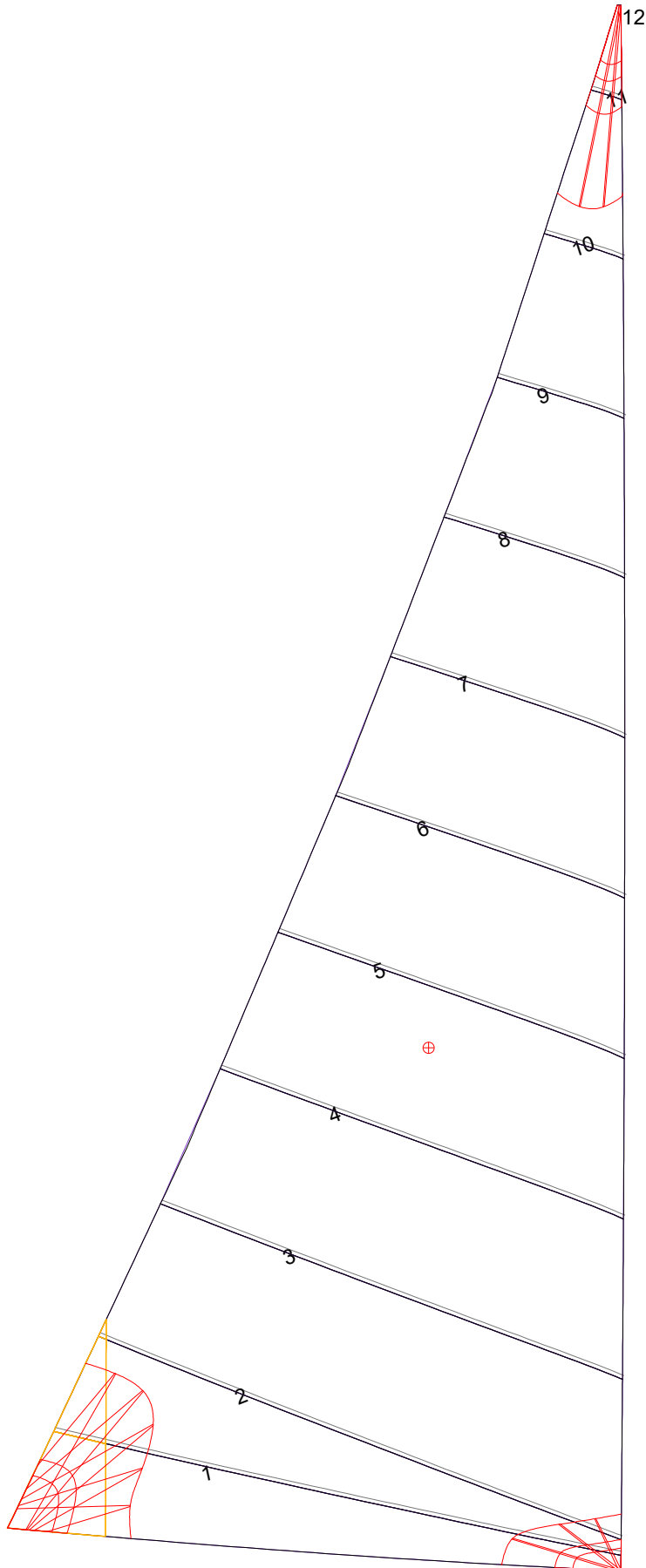
Fanned Luff (@ 5.00% [0.266m])

100% (13.582m) :	-0.000m
90% (12.224m) :	0.010m
80% (10.865m) :	0.019m
70% (9.507m) :	0.025m
60% (8.149m) :	0.027m
50% (6.791m) :	0.026m
40% (5.433m) :	0.024m
30% (4.075m) :	0.021m
20% (2.716m) :	0.014m
10% (1.358m) :	0.006m
0% (0.000m) :	0.000m

Before BSeam

0.000m
0.030m
0.058m
0.081m
0.097m
0.106m
0.108m
0.100m
0.080m
0.045m
0.000m

Mainsail: 8000712 Claudio-1 Jeanneau43DS IMFurlmain.des



Seam Allowances

	Split	Radial	Cross
Zone: 1	0.035m	0.035m	0.035m
Cover 1	0.035m	0.035m	0.035m
Cover 2	0.035m	0.035m	0.035m

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	30.45
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	35.12	1,2,3,4,5 6,7,8,9,10 11,12