

# Genoa: 7000108 Allen-2 B351 RFGNdes.des

## Design Info

=====

## Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000108 Allen\7000108 Allen

Initial Design Date: 4/3/2023

Boat:

Client:

Comments:  
please check luff net length

## Design Data

=====

## Genoa

### Measurements

Luff geodesic:	12.930m
Leech geodesic:	12.332m
Foot geodesic:	5.233m
Headboard width:	0.034m
Luff perpendicular (HLP):	4.988m
Upper width (HUW):	0.554m
Three-quarter width (HTW):	1.099m
Half width (HHW):	2.297m
Quarter width (HQW):	3.608m
Foot median:	12.519m
ORC Headsail area:	30.893m <sup>2</sup>
IRC Headsail area:	30.821m <sup>2</sup>
Surface area:	31.049m <sup>2</sup>
Forestay height:	13.030m
J:	4.240m

### Luff Curve

12.927m,	0.000m
11.853m,	0.045m
10.665m,	0.081m
9.619m,	0.099m
8.403m,	0.107m
6.433m,	0.093m
4.201m,	0.063m
2.185m,	0.032m
0.000m,	0.000m

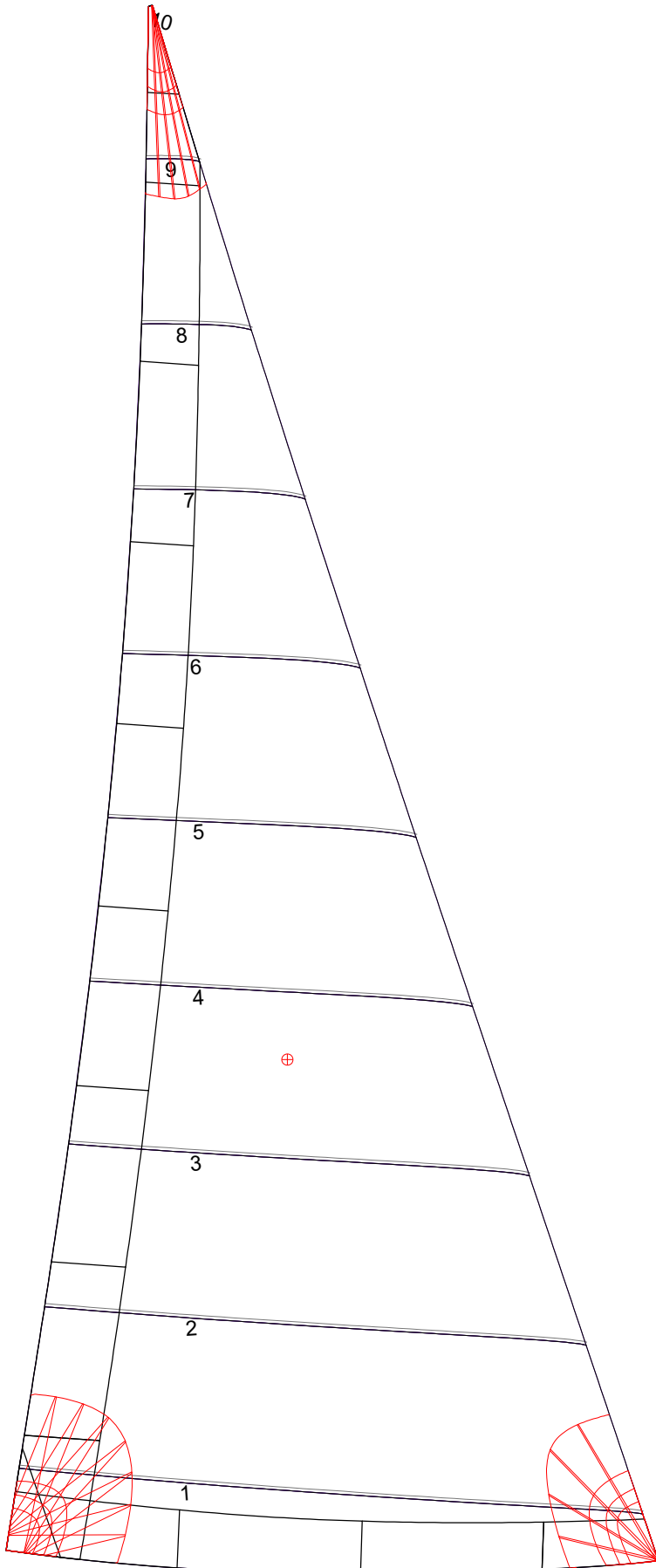
### Fanned Luff (@ 5.00% [0.258m])

100% (12.928m) :	0.000m
90% (11.634m) :	-0.047m
80% (10.344m) :	-0.082m
70% (9.050m) :	-0.099m
60% (7.757m) :	-0.101m
50% (6.464m) :	-0.092m
40% (5.172m) :	-0.076m
30% (3.878m) :	-0.058m
20% (2.586m) :	-0.038m
10% (1.292m) :	-0.019m
0% (0.000m) :	-0.000m

### Before BSeam

0.000m
-0.008m
-0.011m
-0.005m
0.006m
0.018m
0.026m
0.027m
0.025m
0.017m
0.000m

# Genoa: 7000108 Allen-2 B351 RFGNdes.des



## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.025m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.000m	0.000m	0.000m

## Edge Excesses

Sail:	Luff	Leech	Foot
Cover 0	0.070m	0.070m	0.070m
Cover 1	0.070m	0.070m	0.070m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	23.90
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	31.14	1,2,3,4,5 6,7,8,9,10