

# Genoa: 7000337 Gavin Bob Oram Cat 55 GenoaV1.des

## Design Info

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## Design File:

\\Nas\工程部-专用文件\Queenie-跟进客户\Fareast Sails\2023 Order\Need Confrim Order\7000337 Gavin\7000337 Gav

Initial Design Date: 5/4/2023  
Boat:

Comments:

Client:

## Design Data

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### Genoa

#### Measurements

Luff geodesic:	14.374m
Leech geodesic:	14.380m
Foot geodesic:	5.718m
Headboard width:	0.033m
Luff perpendicular (HLP):	5.616m
Upper width (HUW):	0.602m
Three-quarter width (HTW):	1.203m
Half width (HHW):	2.544m
Quarter width (HQW):	4.032m
Foot median:	14.258m
ORC Headsail area:	38.312m?
IRC Headsail area:	38.218m?
Surface area:	38.288m?
Forestay height:	14.480m
J:	4.320m

#### Draft Stripes

1, Luff: 4.764m ; Leech: 5.090m ;  
2, Luff: 9.520m ; Leech: 9.647m ;

#### Luff Curve

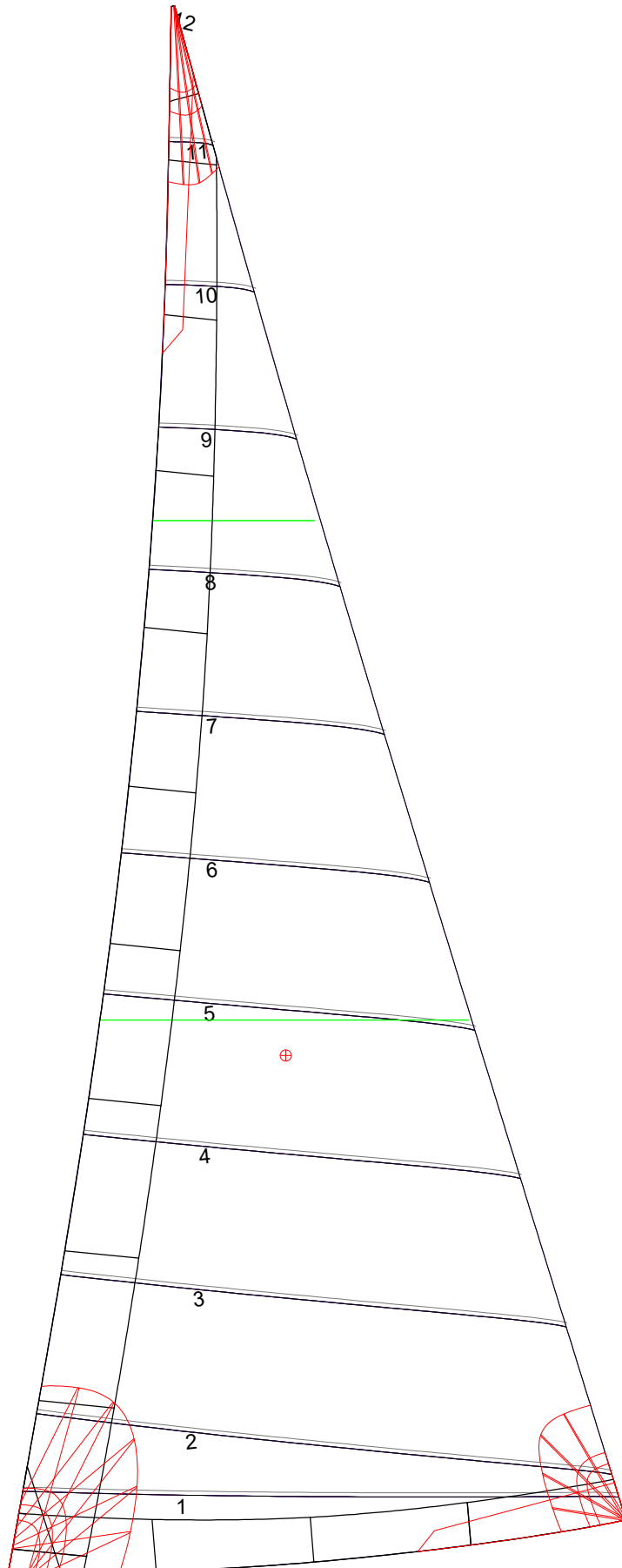
14.371m,	0.000m
13.177m,	0.049m
11.856m,	0.088m
10.694m,	0.108m
9.342m,	0.116m
7.152m,	0.102m
4.671m,	0.069m
2.429m,	0.035m
0.000m,	0.000m

#### Fanned Luff (@ 5.00% [0.281m])

100% (14.372m) :	0.000m	0.000m
90% (12.932m) :	-0.051m	-0.010m
80% (11.500m) :	-0.087m	-0.011m
70% (10.061m) :	-0.106m	-0.007m
60% (8.624m) :	-0.109m	0.001m
50% (7.186m) :	-0.099m	0.011m
40% (5.749m) :	-0.083m	0.019m
30% (4.311m) :	-0.063m	0.022m
20% (2.875m) :	-0.041m	0.022m
10% (1.436m) :	-0.021m	0.017m
0% (0.000m) :	-0.000m	0.000m

#### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.038m	0.038m	0.038m
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
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.100m	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	33.29
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	38.39	1,2,3,4,5 6,7,8,9,10 11,12