

# Genoa: 8000327 Christoph Tayana Vancouver 42 CC JibV1.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000327 Christoph

Initial Design Date: 3/4/2024  
Boat:  
Tayana Vancouver 42 CC  
Client:

Comments:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	10.400m
Leech geodesic:	9.550m
Foot geodesic:	3.030m
Headboard width:	0.040m
Luff perpendicular (HLP):	2.768m
Upper width (HUW):	0.311m
Three-quarter width (HTW):	0.599m
Half width (HHW):	1.248m
Quarter width (HQW):	1.980m
Foot median:	9.932m
ORC Headsail area:	13.674m?
IRC Headsail area:	13.637m?
Surface area:	13.677m?
Forestay height:	11.900m
J:	3.900m

### Draft Stripes

1, Luff: 3.444m ; Leech: 2.909m ;  
2, Luff: 6.884m ; Leech: 6.167m ;

### Luff Curve

10.399m,	0.000m
9.535m,	0.026m
8.579m,	0.047m
7.738m,	0.058m
6.760m,	0.062m
5.175m,	0.054m
3.380m,	0.037m
1.758m,	0.018m
0.000m,	0.000m

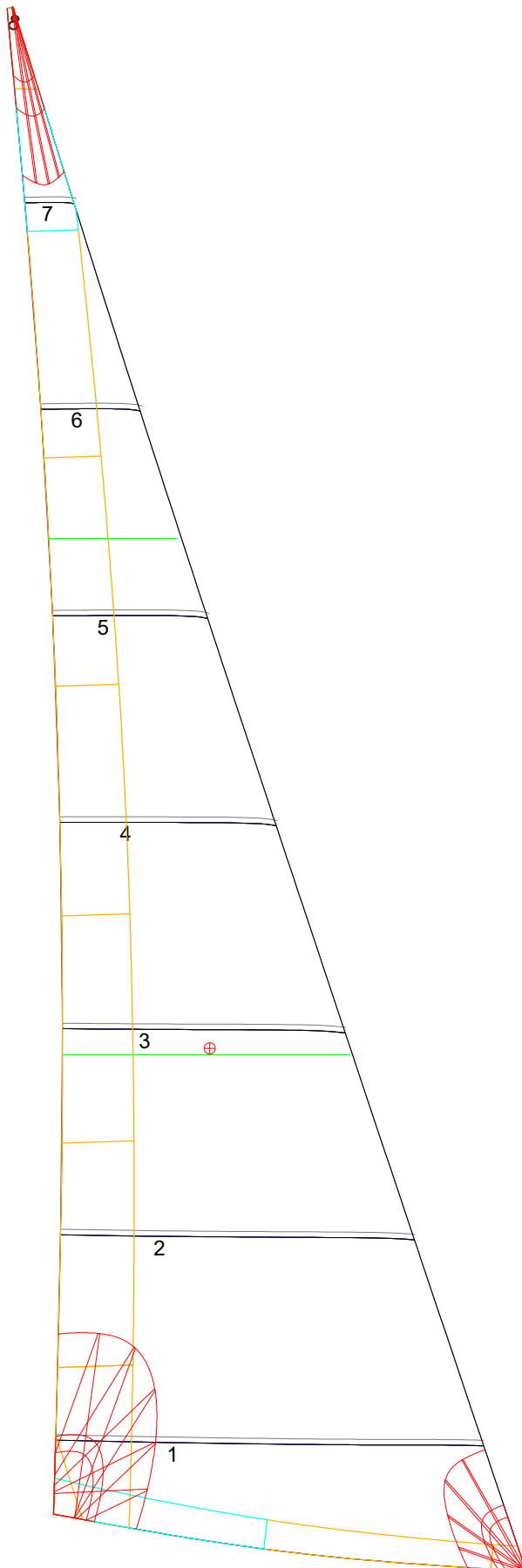
### Fanned Luff (@ 5.00% [0.149m])

100% (10.399m) :	0.000m
90% (9.359m) :	-0.028m
80% (8.320m) :	-0.048m
70% (7.280m) :	-0.058m
60% (6.240m) :	-0.059m
50% (5.200m) :	-0.055m
40% (4.160m) :	-0.046m
30% (3.120m) :	-0.036m
20% (2.080m) :	-0.024m
10% (1.039m) :	-0.013m
0% (0.000m) :	0.000m

### Before BSeam

0.000m
-0.007m
-0.010m
-0.007m
0.000m
0.008m
0.013m
0.016m
0.015m
0.011m
0.000m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.035m	0.035m	0.035m
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	0.100m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	10.40
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	13.72	1,2,3,4,5 6,7,8