

# Genoa: 8000716 Allan-2 Jeanneau Tonic furlgen.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000716 Allan Jean

Initial Design Date: 1/8/2024  
Boat:  
Jeanneau Tonic  
Client:

Comments:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	7.320m
Leech geodesic:	6.793m
Foot geodesic:	3.481m
Headboard width:	0.035m
Luff perpendicular (HLP):	3.240m
Upper width (HUW):	0.359m
Three-quarter width (HTW):	0.714m
Half width (HHW):	1.508m
Quarter width (HQW):	2.362m
Foot median:	6.944m
ORC Headsail area:	11.422m?
IRC Headsail area:	11.378m?
Surface area:	11.522m?
Forestay height:	7.200m
J:	2.400m

### Draft Stripes

1, Luff: 2.427m ; Leech: 2.070m ;  
2, Luff: 4.850m ; Leech: 4.385m ;

### Luff Curve

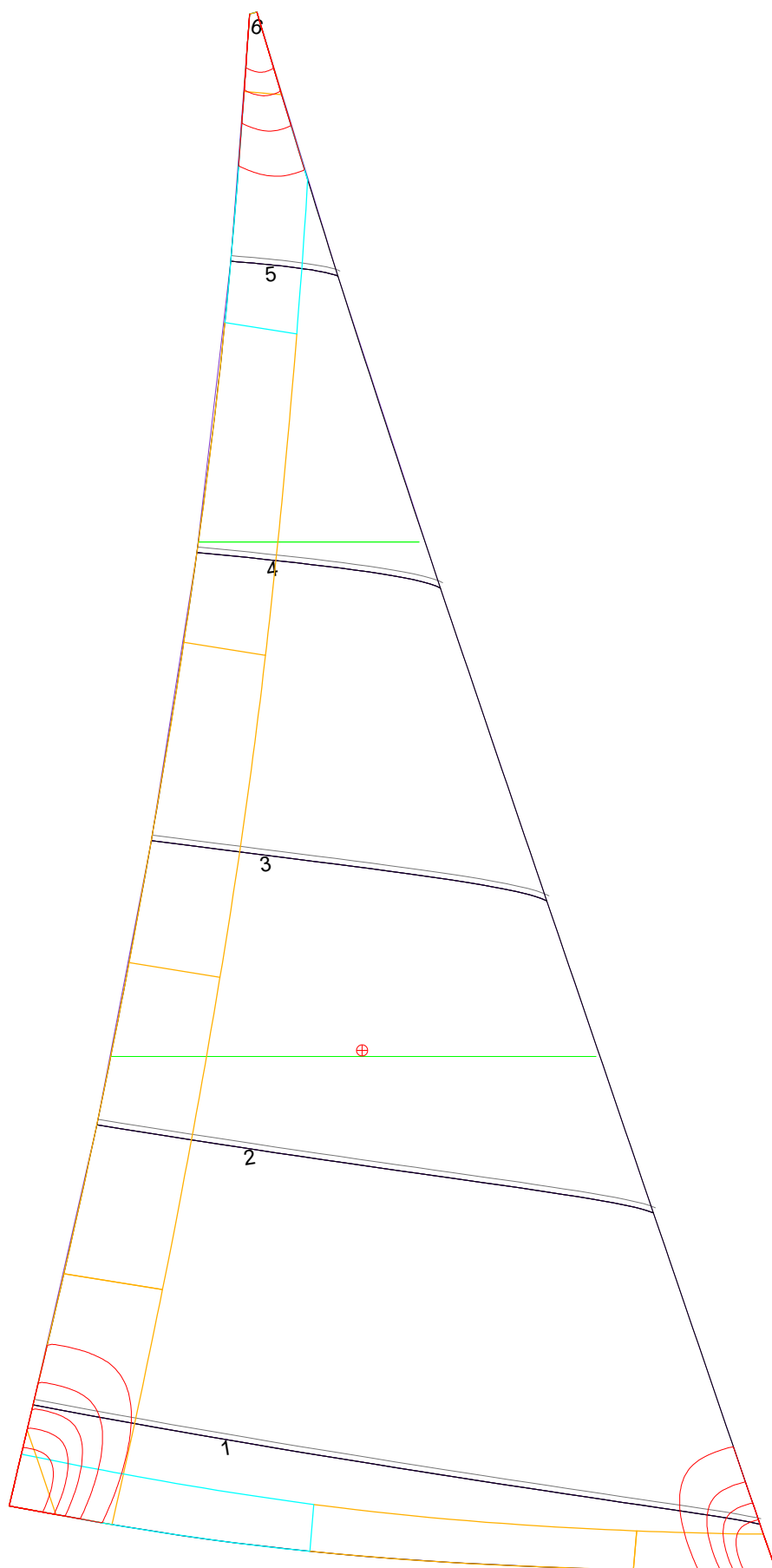
7.319m,	0.000m
6.710m,	0.025m
6.038m,	0.045m
5.446m,	0.055m
4.757m,	0.059m
3.642m,	0.052m
2.379m,	0.035m
1.237m,	0.018m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.171m])

100% (7.319m) :	-0.000m	0.000m
90% (6.586m) :	-0.030m	-0.011m
80% (5.856m) :	-0.050m	-0.012m
70% (5.123m) :	-0.058m	-0.004m
60% (4.392m) :	-0.058m	0.008m
50% (3.660m) :	-0.052m	0.020m
40% (2.928m) :	-0.043m	0.030m
30% (2.196m) :	-0.033m	0.033m
20% (1.464m) :	-0.022m	0.029m
10% (0.731m) :	-0.012m	0.015m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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Seam Allowances			
Zone:	Split	Radial	Cross
Zone: 1	0.025m	0.025m	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
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	9.50
Radial/Vertical	0.00
Bi-Radial Split	0.00

### Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	11.55	1,2,3,4,5 6