

# Genoa: 6001217 BjOrn-Ove.des

Design Info  
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Design File:  
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confirm order\6001217 Bjorn-Ove\6001217 BjOrn-Ove.des

Initial Design Date: 29/12/2022  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	14.137m
Leech geodesic:	13.440m
Foot geodesic:	6.258m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.940m
Upper width (HUW):	0.697m
Three-quarter width (HTW):	1.381m
Half width (HHW):	2.846m
Quarter width (HQW):	4.385m
Foot median:	13.623m
ORC Headsail area:	41.086m?
IRC Headsail area:	40.977m?
Surface area:	41.341m?
Forestay height:	15.200m
J:	4.400m

## Luff Curve

14.136m,	0.000m
10.602m,	0.060m
7.069m,	0.081m
3.534m,	0.060m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.308m])		Before BSeam
100% (14.136m) :	0.000m	-0.000m
90% (12.722m) :	-0.026m	0.018m
80% (11.309m) :	-0.050m	0.036m
70% (9.895m) :	-0.068m	0.054m
60% (8.482m) :	-0.080m	0.068m
50% (7.068m) :	-0.084m	0.075m
40% (5.654m) :	-0.082m	0.072m
30% (4.240m) :	-0.074m	0.063m
20% (2.827m) :	-0.056m	0.045m
10% (1.412m) :	-0.030m	0.021m
0% (0.000m) :	0.000m	0.000m

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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	0.025m	0.025m	0.025m
Cover 4	0.025m	0.025m	0.025m

Edge Excesses			
Sail:	Luff	Leech	Foot
Cover 0	0.100m	0.100m	0.100m
Cover 1	0.100m	0.100m	0.100m
Cover 2	0.070m	0.100m	0.070m
Cover 3	0.070m	0.100m	0.070m

### Total Seam Lengths (m)

Horizontal	30.94
Radial/Vertical	0.00
Bi-Radial Split	0.00

### Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	41.44	1,2,3,4,5 6,7,8,9,10 11

