

# Genoa: 8001106 Skip Compac 23 Headsail.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001106 Skip Com

Initial Design Date: 13/11/2024  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	7.291m
Leech geodesic:	7.178m
Foot geodesic:	4.481m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.255m
Upper width (HUW):	0.518m
Three-quarter width (HTW):	1.018m
Half width (HHW):	2.070m
Quarter width (HQW):	3.161m
Foot median:	7.009m
ORC Headsail area:	15.318m?
IRC Headsail area:	15.280m?
Surface area:	15.487m?
Forestay height:	7.925m
J:	2.871m

### Draft Stripes

1, Luff: 2.422m ; Leech: 2.409m ;  
2, Luff: 4.830m ; Leech: 4.753m ;

### Luff Curve

7.290m,	0.000m
5.828m,	0.036m
4.367m,	0.054m
2.909m,	0.049m
1.453m,	0.028m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0.221m])

100% (7.290m) :	0.000m	-0.000m
90% (6.560m) :	-0.018m	0.008m
80% (5.833m) :	-0.036m	0.016m
70% (5.103m) :	-0.049m	0.023m
60% (4.374m) :	-0.056m	0.030m
50% (3.645m) :	-0.057m	0.036m
40% (2.916m) :	-0.053m	0.038m
30% (2.187m) :	-0.044m	0.033m
20% (1.458m) :	-0.033m	0.025m
10% (0.728m) :	-0.018m	0.015m
0% (0.000m) :	0.000m	0.000m

### Before BSeam

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.019m
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	15.55
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	15.51	1,2,3,4,5 6,7

