

# Genoa: 6001211 Ed-V1.des

## Design Info

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## Design File:

F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Passed to Production\6001211 E

Initial Design Date: 22/12/2022

Boat:

Client:

Comments:

## Design Data

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### Genoa

#### Measurements

Luff geodesic:	7.610m
Leech geodesic:	7.340m
Foot geodesic:	4.500m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.250m
Upper width (HUW):	0.507m
Three-quarter width (HTW):	1.000m
Half width (HHW):	2.051m
Quarter width (HQW):	3.150m
Foot median:	7.308m
ORC Headsail area:	15.895m <sup>2</sup>
IRC Headsail area:	15.847m <sup>2</sup>
Surface area:	16.115m <sup>2</sup>
Forestay height:	7.840m
J:	2.760m

#### Draft Stripes

1, Luff: 3.820m ; Leech: 3.625m ;

#### Luff Curve

7.609m,	0.000m
5.707m,	0.033m
3.805m,	0.043m
1.902m,	0.033m
0.000m,	0.000m

#### Fanned Luff (@ 5.00% [0.222m])

100% (7.609m) :	0.000m	0.000m
90% (6.848m) :	-0.013m	0.016m
80% (6.088m) :	-0.026m	0.033m
70% (5.326m) :	-0.036m	0.048m
60% (4.566m) :	-0.042m	0.060m
50% (3.805m) :	-0.045m	0.065m
40% (3.044m) :	-0.045m	0.063m
30% (2.282m) :	-0.040m	0.054m
20% (1.522m) :	-0.031m	0.039m
10% (0.760m) :	-0.017m	0.018m
0% (0.000m) :	0.000m	0.000m

#### Before BSeam

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## Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3	0.025m	0.015m	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

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
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	4.35
Radial/Vertical	64.18
Bi-Radial Split	5.08

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	16.14	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 2\1,2\2,2\3,2b\1,2b\2 2b\3,3\1,3\2,3\3,3\4

