

Genoa: 6000136 Tadv-2.des

Design Info
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Design File:
E:\Dropbox\Fareast Sails\2022 Order\6000136 Tadv\6000136 Tadv-2.des

Initial Design Date: 31/3/2022
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

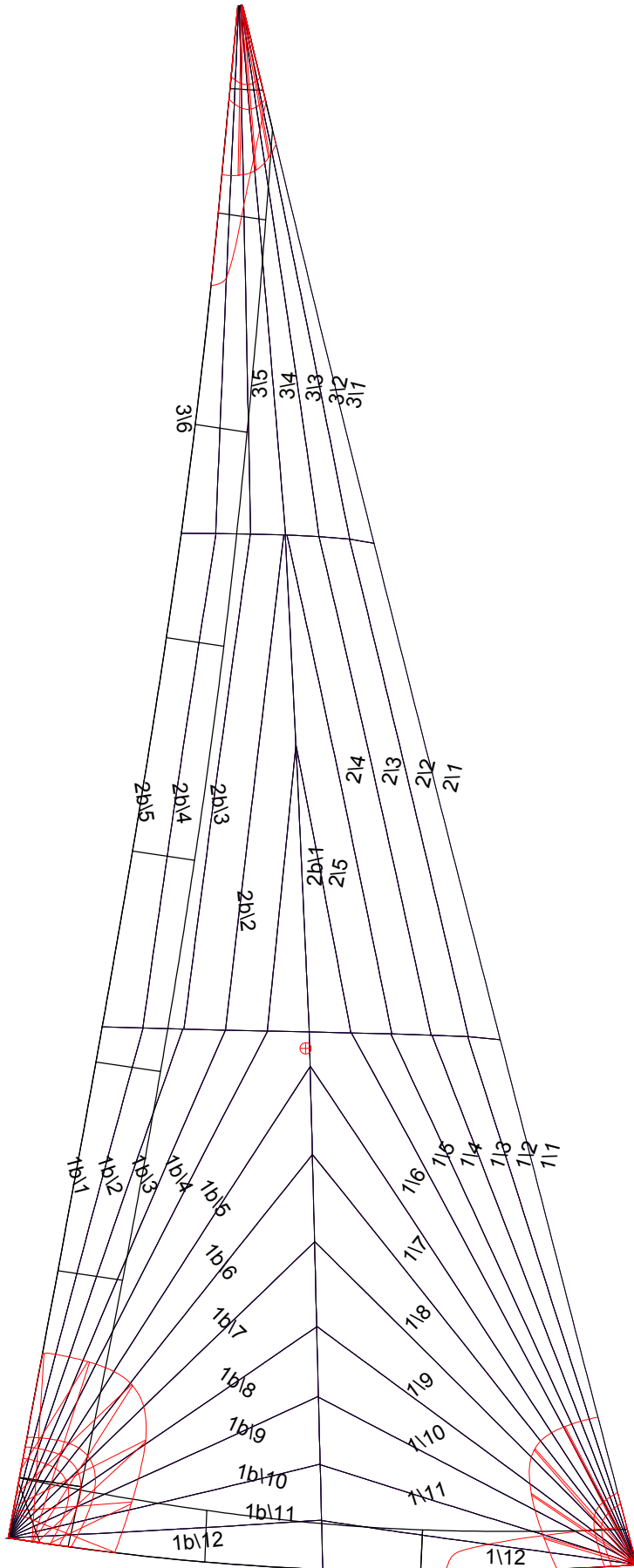
Luff geodesic:	10.800m
Leech geodesic:	10.453m
Foot geodesic:	4.278m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.130m
Upper width (HUW):	0.495m
Three-quarter width (HTW):	0.974m
Half width (HHW):	2.011m
Quarter width (HQW):	3.081m
Foot median:	10.553m
ORC Headsail area:	22.002m ²
IRC Headsail area:	21.936m ²
Surface area:	22.221m ²
Forestay height:	11.680m
J:	2.950m

Luff Curve

10.799m,	0.000m
8.369m,	0.047m
5.940m,	0.056m
2.970m,	0.034m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.211m])		Before BSeam
100% (10.799m) :	-0.000m	0.000m
90% (9.719m) :	-0.022m	0.008m
80% (8.640m) :	-0.041m	0.018m
70% (7.560m) :	-0.052m	0.031m
60% (6.480m) :	-0.056m	0.044m
50% (5.400m) :	-0.054m	0.052m
40% (4.320m) :	-0.048m	0.054m
30% (3.240m) :	-0.040m	0.049m
20% (2.160m) :	-0.029m	0.037m
10% (1.079m) :	-0.016m	0.018m
0% (0.000m) :	0.000m	0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.038m	0.015m	0.038m
Zone: 1/b	0.038m	0.015m	0.038m
Zone: 2/a	0.038m	0.015m	0.038m
Zone: 2/b	0.038m	0.015m	0.038m
Zone: 3	0.038m	0.015m	0.038m
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	0.070m	0.100m	0.070m
Cover 1	0.070m	0.100m	0.070m
Cover 2	0.070m	0.100m	0.070m
Cover 3	0.070m	0.100m	0.070m

Total Seam Lengths (m)

Horizontal	4.22
Radial/Vertical	112.76
Bi-Radial Split	7.29

Materials

Material	Area (m ²)	Panels
Material 1	22.27	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1b\1,1b\2,1b\3 1b\4,1b\5,1b\6,1b\7,1b\8 1b\9,1b\10,1b\11,1b\12,2\1 2\2,2\3,2\4,2\5,2b\1 2b\2,2b\3,2b\4,2b\5,3\1 3\2,3\3,3\4,3\5,3\6