

# Genoa: 3000522 Arne -2 headsail R0

Design Info  
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Design File:  
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2019\3000522 Arne -1-2\3000522 Arne -2 headsail R0.d

Initial Design Date: 28/5/2019  
Boat:

Comments:

Client:

Design Data  
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## Genoa

### Measurements

Luff geodesic:	13.360m
Leech geodesic:	13.036m
Foot geodesic:	5.615m
Headboard width:	0.030m
Luff perpendicular (HLP):	5.427m
Upper width (HUW):	0.583m
Three-quarter width (HTW):	1.175m
Half width (HHW):	2.530m
Quarter width (HQW):	3.956m
Foot median:	13.088m
ORC Headsail Area:	34.808m?
IRC Headsail Area:	34.719m?
Surface Area:	35.057m?

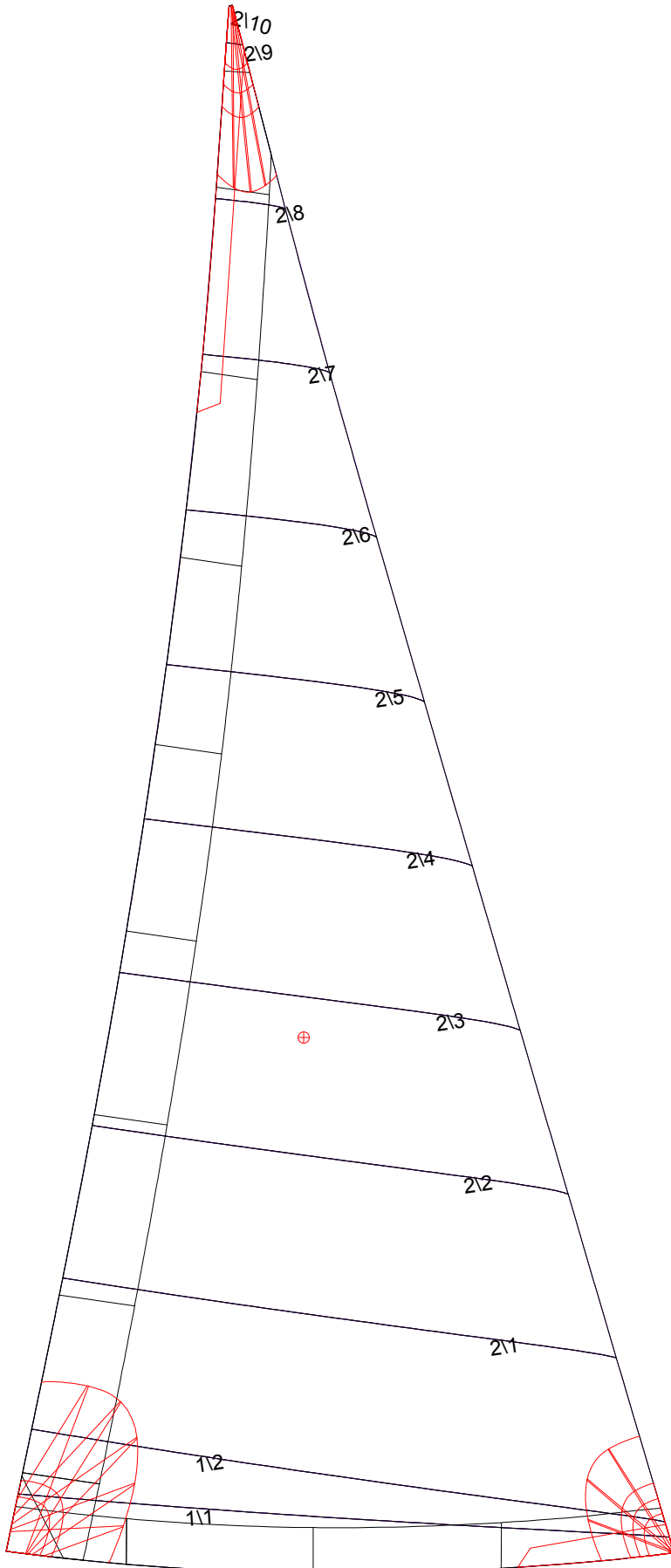
### Luff Curve

13.357m,	0.000m
12.248m,	0.045m
11.020m,	0.082m
9.939m,	0.101m
8.683m,	0.108m
6.647m,	0.095m
4.341m,	0.064m
2.258m,	0.032m
0.000m,	0.000m

### Fanned Luff (@ 5.00% [0. Before BSeam

100% (13.358m) :	-0.000m	0.000m
90% (12.020m) :	-0.049m	-0.018m
80% (10.688m) :	-0.091m	-0.027m
70% (9.351m) :	-0.107m	-0.013m
60% (8.015m) :	-0.106m	0.013m
50% (6.679m) :	-0.096m	0.031m
40% (5.343m) :	-0.081m	0.040m
30% (4.007m) :	-0.063m	0.040m
20% (2.672m) :	-0.044m	0.031m
10% (1.335m) :	-0.023m	0.015m
0% (0.000m) :	0.000m	0.000m

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## Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
Zone: 2	0.000m	0.000m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.000m	0.000m	0.000m
Cover 3	0.000m	0.000m	0.000m
Cover 4	0.025m	0.025m	0.025m

## Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.070m	0.070m	0.070m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m
Cover 3	0.070m	0.070m	0.070m

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	35.16	1\1,1\2,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9,2\10

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