

# Genoa: 7000215 Daniel Hanse470e selftacking jib.des

## Design Info

=====

## Design File:

F:\Dropbox\Dropbox-20221019\Dropbox20221213\Dropbox\Fareast Sails\2023 Order\Need Confrim Order\7000215 D

Initial Design Date: 21/2/2023  
Boat:

Comments:

Client:

## Design Data

=====

## Genoa

### Measurements

Luff geodesic:	18.760m
Leech geodesic:	18.360m
Foot geodesic:	4.800m
Headboard width:	0.035m
Luff perpendicular (HLP):	4.695m
Upper width (HUW):	0.492m
Three-quarter width (HTW):	0.980m
Half width (HHW):	2.085m
Quarter width (HQW):	3.340m
Foot median:	18.565m
ORC Headsail area:	41.399m?
IRC Headsail area:	41.289m?
Surface area:	41.364m?
Forestay height:	20.000m
J:	5.320m

### Draft Stripes

1, Luff: 4.702m ; Leech: 4.741m ;  
2, Luff: 9.403m ; Leech: 9.272m ;  
3, Luff: 14.093m ; Leech: 13.797m ;

### Luff Curve

18.759m,	0.000m
17.200m,	0.041m
15.476m,	0.074m
13.958m,	0.092m
12.194m,	0.098m
9.335m,	0.086m
6.097m,	0.058m
3.171m,	0.029m
0.000m,	0.000m

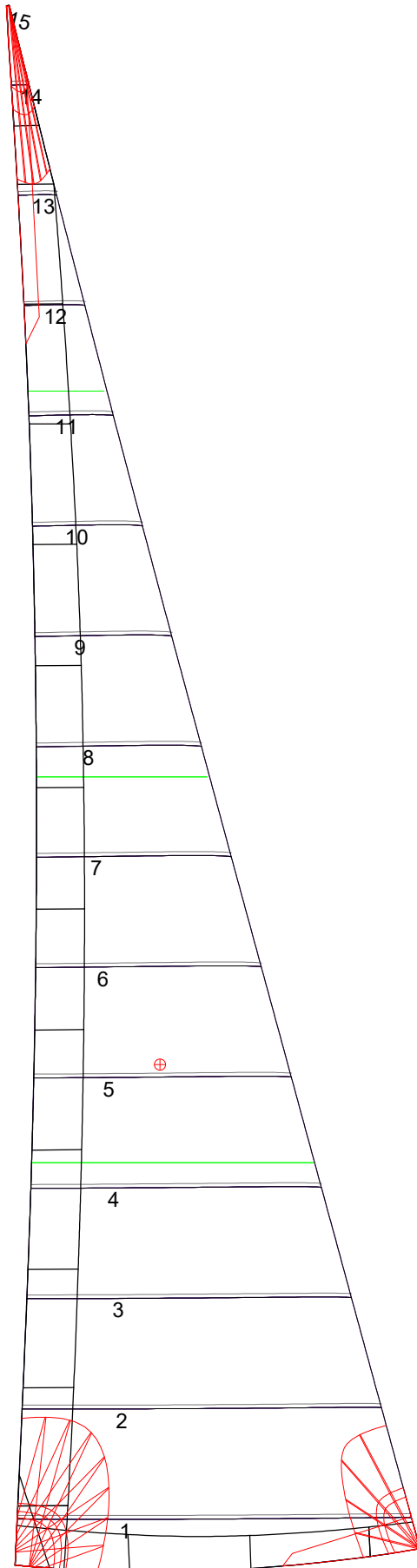
### Fanned Luff (@ 5.00% [0.238m])

100% (18.759m) :	0.000m
90% (16.881m) :	-0.043m
80% (15.009m) :	-0.073m
70% (13.131m) :	-0.088m
60% (11.256m) :	-0.091m
50% (9.380m) :	-0.083m
40% (7.504m) :	-0.069m
30% (5.628m) :	-0.051m
20% (3.752m) :	-0.034m
10% (1.875m) :	-0.017m
0% (0.000m) :	-0.000m

### Before BSeam

0.000m
-0.017m
-0.025m
-0.025m
-0.020m
-0.010m
-0.001m
0.006m
0.010m
0.009m
0.000m

# Genoa: 7000215 Daniel Hanse470e selftacking jib.des



## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.045m
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	0.070m	0.070m
Cover 1	0.070m	0.070m	0.070m
Cover 2	0.000m	0.070m	0.070m
Cover 3	0.000m	0.070m	0.070m

## Total Seam Lengths (m)

Horizontal	32.24
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	41.47	1,2,3,4,5 6,7,8,9,10 11,12,13,14,15