

# Genoa: 8000312 Doyel-2 furlgen.des

Design Info  
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Design File:  
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000312 Doyel ma

Initial Design Date: 20/9/2024  
Boat:

Comments:

Client:

Design Data  
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Genoa

## Measurements

Luff geodesic:	15.487m
Leech geodesic:	14.773m
Foot geodesic:	6.332m
Headboard width:	0.040m
Luff perpendicular (HLP):	6.045m
Upper width (HUW):	0.645m
Three-quarter width (HTW):	1.305m
Half width (HHW):	2.794m
Quarter width (HQW):	4.397m
Foot median:	14.980m
ORC Headsail area:	44.846m?
IRC Headsail area:	44.671m?
Surface area:	45.058m?
Forestay height:	16.540m
J:	4.650m

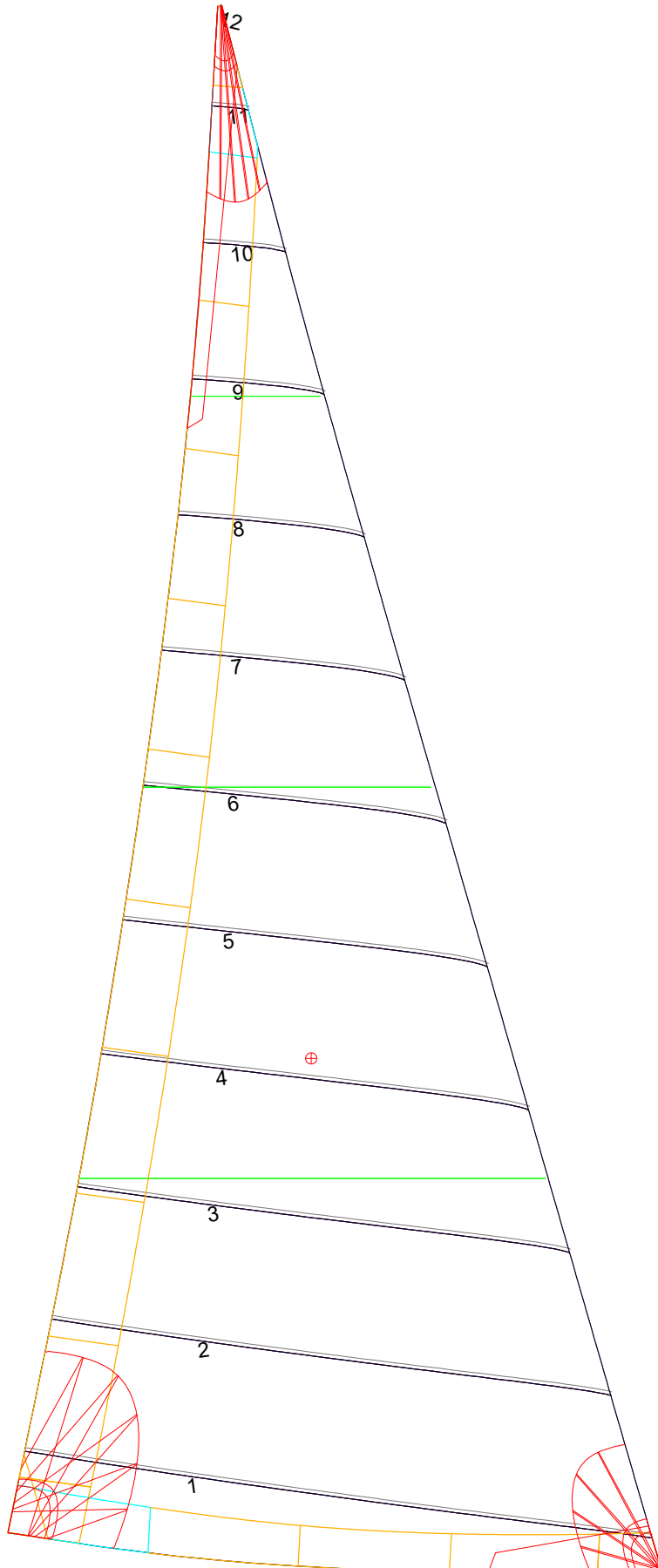
## Draft Stripes

1, Luff: 3.885m ; Leech: 3.468m ;  
2, Luff: 7.770m ; Leech: 7.242m ;  
3, Luff: 11.642m ; Leech: 10.977m ;

## Luff Curve

		Fanned Luff (@ 5.00% [0.311m])	Before BSeam
15.485m,	0.000m	100% (15.485m) :	0.000m
14.198m,	0.045m	90% (13.935m) :	-0.055m
12.775m,	0.082m	80% (12.390m) :	-0.090m
11.522m,	0.101m	70% (10.840m) :	-0.106m
10.065m,	0.108m	60% (9.292m) :	-0.106m
7.706m,	0.095m	50% (7.743m) :	-0.096m
5.033m,	0.065m	40% (6.194m) :	-0.079m
2.617m,	0.032m	30% (4.646m) :	-0.060m
0.000m,	0.000m	20% (3.098m) :	-0.041m
		10% (1.548m) :	-0.022m
		0% (0.000m) :	0.000m

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## Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.035m	0.035m	0.035m
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	34.57
Radial/Vertical	0.00
Bi-Radial Split	0.00

## Materials

Material	Area (m <sup>2</sup> )	Panels
Material 1	45.13	1,2,3,4,5 6,7,8,9,10 11,12