

Genoa: 8000914 Ralf-2 Jeanneau Sun Odyssey 35 Lejabe Headsail.des

Job Number:

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8000914 Ralf Jean

Comments:

Job No:
Initial Design Date: 20/9/2024
Boat:
Jeanneau SO 35 Lejabe
Client:

Design Data
=====

Genoa

Measurements

Luff geodesic:	13.110m
Leech geodesic:	12.538m
Foot geodesic:	5.963m
Headboard width:	0.035m
Luff perpendicular (HLP):	5.670m
Upper width (HUW):	0.630m
Three-quarter width (HTW):	1.257m
Half width (HHW):	2.642m
Quarter width (HQW):	4.111m
Foot median:	12.771m
ORC Headsail area:	35.738m ²
IRC Headsail area:	35.693m ²
Surface area:	36.391m ²
Forestay height:	13.550m
J:	4.050m

Draft Stripes

- 1, Luff: 3.292m ; Leech: 2.983m ;
- 2, Luff: 6.583m ; Leech: 6.170m ;
- 3, Luff: 9.861m ; Leech: 9.322m ;

Luff Curve

13.108m,	0.000m
12.018m,	0.044m
10.814m,	0.080m
9.753m,	0.099m
8.520m,	0.106m
6.523m,	0.093m
4.260m,	0.063m
2.216m,	0.032m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.293m])

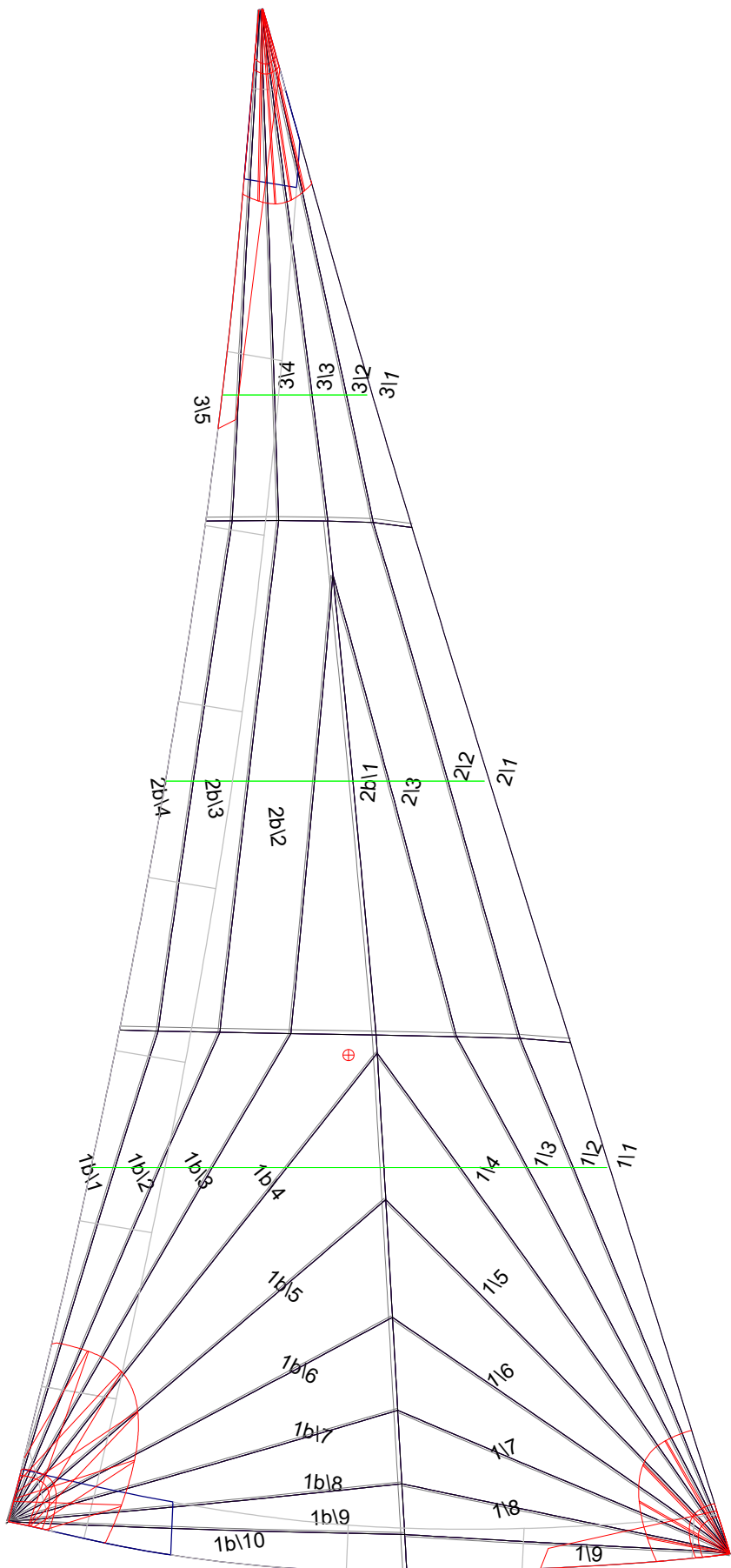
100% (13.108m) :	0.000m
90% (11.796m) :	-0.046m
80% (10.488m) :	-0.084m
70% (9.176m) :	-0.101m
60% (7.865m) :	-0.101m
50% (6.554m) :	-0.092m
40% (5.244m) :	-0.076m
30% (3.932m) :	-0.058m
20% (2.622m) :	-0.038m
10% (1.310m) :	-0.018m
0% (0.000m) :	-0.000m

Before BSeam

0.000m
-0.009m
-0.013m
-0.003m
0.013m
0.023m
0.027m
0.030m
0.028m
0.018m
0.000m

Genoa: 8000914 Ralf-2 Jeanneau Sun Odyssey 35 Lejabe Headsail.des

Job Number:



Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.032m	0.016m	0.032m
Zone: 1/b	0.032m	0.016m	0.032m
Zone: 2/a	0.032m	0.016m	0.032m
Zone: 2/b	0.032m	0.016m	0.032m
Zone: 3	0.032m	0.016m	0.032m
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

	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	5.63
Radial/Vertical	103.46
Bi-Radial Split	8.86

Materials

Material	Area (m ²)	Panels
WCXI-7oz	13.05	1b1,1b2,1b5,1b6,1b16 1b7,2b1,2b2,3b1,3b2
WCXI-9oz	23.41	1b3,1b4,1b7,1b8,1b9 1b11,1b12,1b13,1b14,1b15 1b18,1b19,1b110,2b3,2b4 2b1,2b2,2b3,2b4,3b3,3b4 3b5