

Genoa: 7000712 Edward-2 Lagoon 39 Selftacking jib.des Fareast Sails/Michael,

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000712 Edward\700

Initial Design Date: 26/7/2023
Boat:
Lagoon 39
Client:
Fareast Sails/Michael,

Comments:

Design Data
=====

Genoa

Measurements

Luff geodesic:	14.250m
Leech geodesic:	12.000m
Foot geodesic:	5.330m
Headboard width:	0.030m
Luff perpendicular (HLP):	4.383m
Upper width (HUW):	0.479m
Three-quarter width (HTW):	0.949m
Half width (HHW):	1.984m
Quarter width (HQW):	3.140m
Foot median:	13.014m
ORC Headsail area:	29.655m?
IRC Headsail area:	29.601m?
Surface area:	29.911m?
Forestay height:	13.220m
J:	6.210m

Draft Stripes

1, Luff: 3.579m ; Leech: 2.115m ;
2, Luff: 7.156m ; Leech: 5.397m ;
3, Luff: 10.720m ; Leech: 8.668m ;

Luff Curve

14.248m,	0.000m
13.064m,	0.036m
11.755m,	0.065m
10.602m,	0.080m
9.262m,	0.085m
7.090m,	0.075m
4.631m,	0.051m
2.408m,	0.025m
0.000m,	0.000m

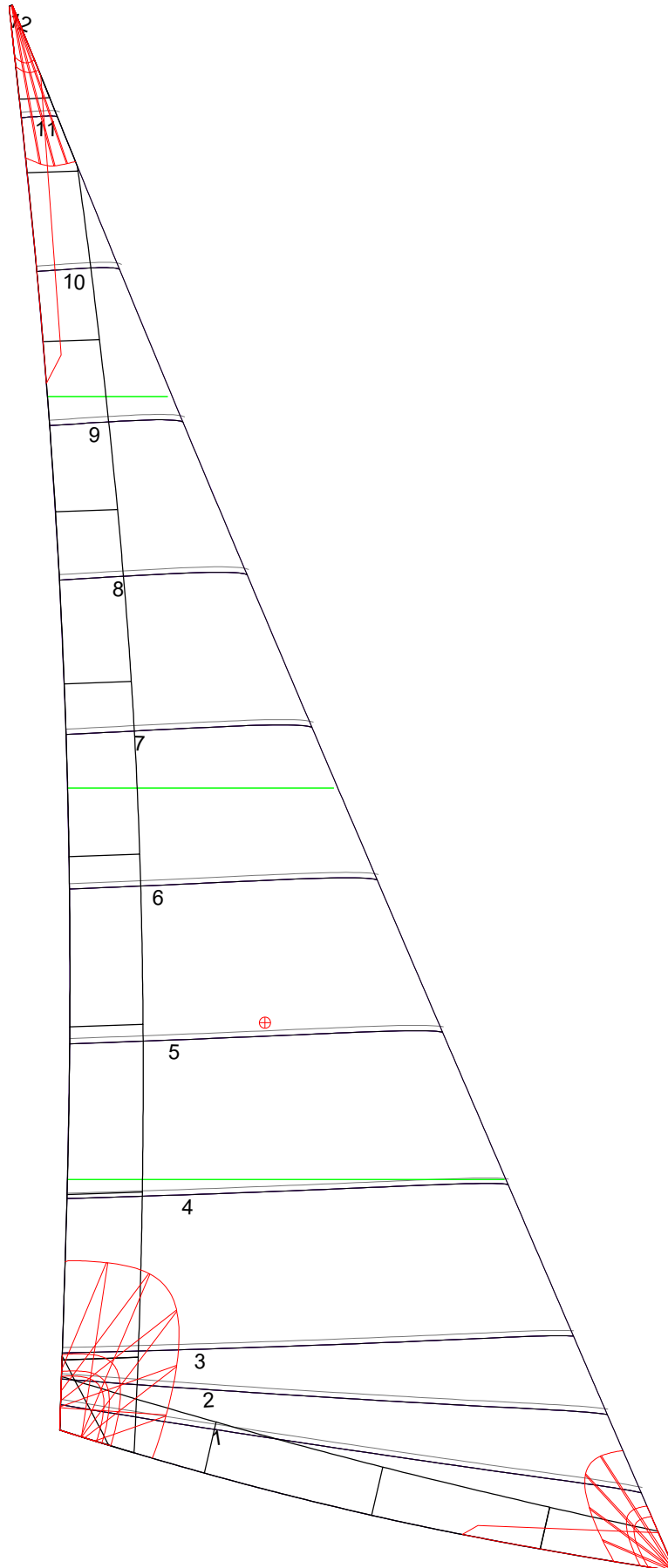
Fanned Luff (@ 5.00% [0.258m])

100% (14.248m) :	-0.000m
90% (12.824m) :	-0.041m
80% (11.400m) :	-0.072m
70% (9.974m) :	-0.087m
60% (8.550m) :	-0.090m
50% (7.124m) :	-0.083m
40% (5.700m) :	-0.070m
30% (4.275m) :	-0.054m
20% (2.850m) :	-0.037m
10% (1.424m) :	-0.019m
0% (0.000m) :	0.000m

Before BSeam

0.000m
-0.006m
-0.006m
0.000m
0.011m
0.021m
0.028m
0.029m
0.026m
0.016m
0.000m

Genoa: 7000712 Edward-2 Lagoon 39 Selftacking jib.des Fareast Sails/Michael,



Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	0.045m	0.045m	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	0.100m	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	29.90
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	29.99	1,2,3,4,5 6,7,8,9,10 11,12