

Genoa: 7000626 Eduard-2 Farr30 Jib V1 .des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000626 Eduard\700

Initial Design Date: 14/7/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	11.520m
Leech geodesic:	10.841m
Foot geodesic:	3.651m
Headboard width:	0.033m
Luff perpendicular (HLP):	3.446m
Upper width (HUW):	0.388m
Three-quarter width (HTW):	0.760m
Half width (HHW):	1.582m
Quarter width (HQW):	2.492m
Foot median:	11.252m
ORC Headsail area:	19.015m?
IRC Headsail area:	18.958m?
Surface area:	19.349m?
Forestay height:	11.670m
J:	3.320m

Draft Stripes

1, Luff: 3.813m ; Leech: 3.401m ;
2, Luff: 7.622m ; Leech: 7.055m ;

Luff Curve

11.519m,	0.000m
10.562m,	0.029m
9.503m,	0.052m
8.571m,	0.065m
7.487m,	0.069m
5.732m,	0.061m
3.744m,	0.041m
1.947m,	0.021m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.180m])

100% (11.519m) :	0.000m
90% (10.367m) :	-0.030m
80% (9.216m) :	-0.052m
70% (8.064m) :	-0.063m
60% (6.912m) :	-0.065m
50% (5.760m) :	-0.060m
40% (4.608m) :	-0.051m
30% (3.456m) :	-0.040m
20% (2.304m) :	-0.028m
10% (1.151m) :	-0.015m
0% (0.000m) :	-0.000m

Before BSeam

0.000m
-0.006m
-0.009m
-0.004m
0.004m
0.012m
0.018m
0.022m
0.021m
0.012m
0.000m

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.015m	0.025m
Zone: 1/b	0.025m	0.015m	0.025m
Zone: 2/a	0.025m	0.015m	0.025m
Zone: 2/b	0.025m	0.015m	0.025m
Zone: 3	0.025m	0.015m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	3.87
Radial/Vertical	73.04
Bi-Radial Split	7.00

Materials

Material	Area (m ²)	Panels
Material 1	19.39	1l1,1l2,1l3,1l4,1l5 1l6,1l7,1l8,1l9,1l10 1b1,1b2,1b3,1b4,1b5 1b6,1b7,1b8,1b9,1b10 2l1,2l2,2l3,2b1,2b2 2b3,3l1,3l2,3l3,3l4