# Genoa: 6001101 Alisha-2 Genoa-V1-1119.des

Design Info
==========

Design File:
F:\Dropbox\Dropbox\Fareast Sails\2022 Order\Need confrim order\6001101 Alisha\6001101 Alisha-2 Genoa-V1-1119.d

Comments:

Initial Design Date: 10/11/2022
Boat:

Client:

Design Data
==========

Genoa

Measurements

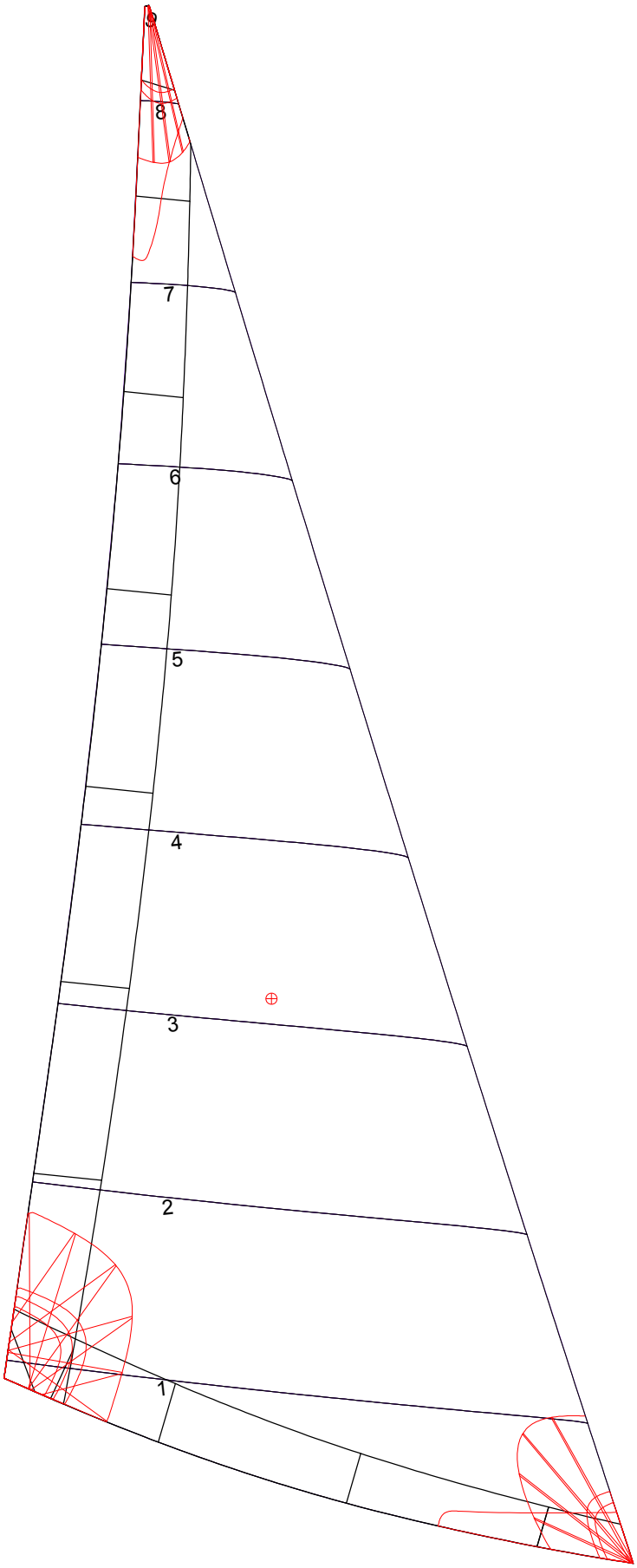
| | |
|---|---|
| Luff geodesic: | 11.900m |
| Leech geodesic: | 10.123m |
| Foot geodesic: | 4.830m |
| Headboard width: | 0.035m |
| Luff perpendicular (HLP): | 4.070m |
| Upper width (HUW): | 0.488m |
| Three-quarter width (HTW): | 0.956m |
| Half width (HHW): | 1.949m |
| Quarter width (HQW): | 2.995m |
| Foot median: | 10.958m |
| ORC Headsail area: | 23.684m? |
| IRC Headsail area: | 23.664m? |
| Surface area: | 24.134m? |
| Forestay height: | 11.900m |
| J: | 3.700m |

Luff Curve

| | |
|---|---|
| 11.899m, | 0.000m |
| 8.924m, | 0.050m |
| 5.950m, | 0.067m |
| 2.975m, | 0.050m |
| 0.000m, | 0.000m |

| Fanned Luff (@ 5.00% [0.230m]) | | Before BSeam |
|---|---|---|
| 100% (11.899m) : | -0.000m | -0.000m |
| 90% (10.709m) : | -0.023m | 0.005m |
| 80% (9.519m) : | -0.044m | 0.011m |
| 70% (8.329m) : | -0.060m | 0.018m |
| 60% (7.139m) : | -0.070m | 0.024m |
| 50% (5.949m) : | -0.074m | 0.025m |
| 40% (4.759m) : | -0.073m | 0.023m |
| 30% (3.569m) : | -0.064m | 0.019m |
| 20% (2.380m) : | -0.049m | 0.013m |
| 10% (1.189m) : | -0.026m | 0.006m |
| 0% (0.000m) : | 0.000m | 0.000m |

# Genoa: 6001101 Alisha-2 Genoa-V1-1119.des




Seam Allowances

| | Split | Radial | Cross |
|---|---|---|---|
| Zone: 1 | 0.000m | 0.000m | 0.025m |
| Cover 1 | 0.025m | 0.025m | 0.025m |
| Cover 2 | 0.025m | 0.025m | 0.025m |
| Cover 3 | 0.025m | 0.025m | 0.025m |
| Cover 4 | 0.025m | 0.025m | 0.025m |

Edge Excesses

| | Luff | Leech | Foot |
|---|---|---|---|
| Sail: | 0.000m | 0.000m | 0.000m |
| Cover 0 | 0.100m | 0.100m | 0.100m |
| Cover 1 | 0.100m | 0.100m | 0.100m |
| Cover 2 | 0.070m | 0.100m | 0.070m |
| Cover 3 | 0.070m | 0.100m | 0.070m |

Total Seam Lengths (m)

| | |
|---|---|
| Horizontal | 18.15 |
| Radial/Vertical | 0.00 |
| Bi-Radial Split | 0.00 |

Materials

| Material | Area (m? | Panels |
|---|---|---|
| Material 1 | 24.20 | 1,2,3,4,5 6,7,8,9 |