Genoa: 5001116-2 Maxi 80 jib.des

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

Design File:
D:\dropbox\Dropbox\Fareast Sails\2021\5001116 Karl\5001116-2 Maxi 80 jib.des

Comments:

Initial Design Date: 3/11/2021
Boat:

Client:

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

Genoa

Measurements

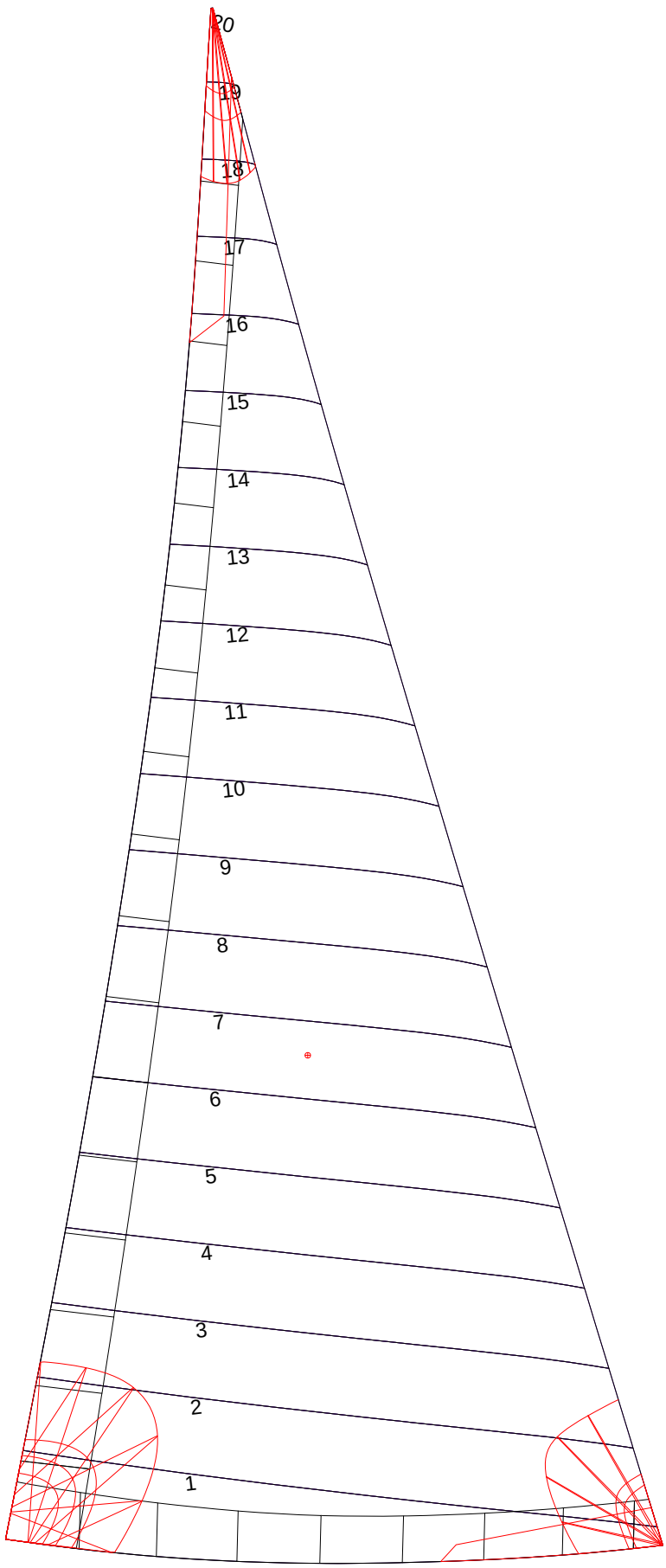
Luff geodesic:	27.256m
Leech geodesic:	26.384m
Foot geodesic:	11.470m
Headboard width:	0.035m
Luff perpendicular (HLP):	11.070m
Upper width (HUW):	1.185m
Three-quarter width (HTW):	2.391m
Half width (HHW):	5.125m
Quarter width (HQW):	8.066m
Foot median:	26.625m
ORC Headsail area:	144.576m?
IRC Headsail area:	144.071m?
Surface area:	145.899m?
Forestay height:	28.000m
J:	8.200m

Luff Curve

27.251m,	0.000m
24.986m,	0.092m
22.482m,	0.167m
20.277m,	0.206m
17.714m,	0.220m
13.561m,	0.193m
8.857m,	0.131m
4.606m,	0.066m
0.000m,	0.000m

Fanned Luff (@ 5.00% [0.559m])		Before BSeam
100% (27.251m) :	0.000m	-0.000m
90% (24.523m) :	-0.097m	-0.011m
80% (21.805m) :	-0.182m	-0.014m
70% (19.077m) :	-0.221m	0.007m
60% (16.352m) :	-0.222m	0.042m
50% (13.626m) :	-0.202m	0.077m
40% (10.901m) :	-0.169m	0.101m
30% (8.175m) :	-0.129m	0.108m
20% (5.452m) :	-0.086m	0.096m
10% (2.723m) :	-0.044m	0.066m
0% (0.000m) :	0.000m	0.000m

Genoa: 5001116-2 Maxi 80 jib.des



Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
Cover 1	0.025m	0.025m	0.025m
Cover 2	0.025m	0.025m	0.025m

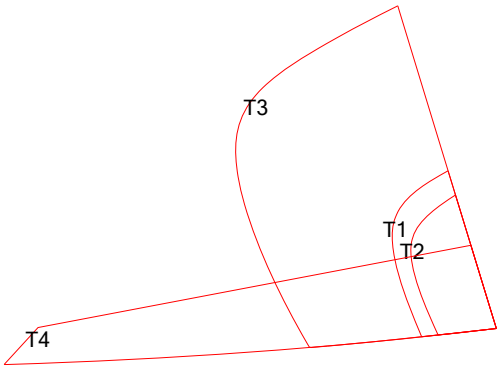
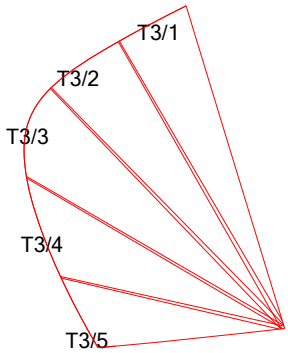
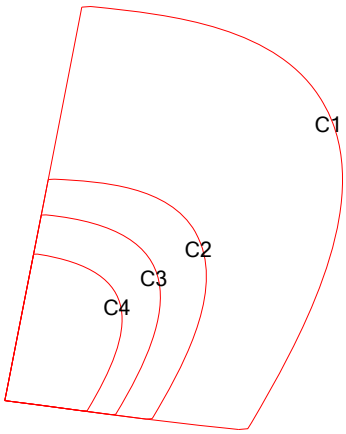
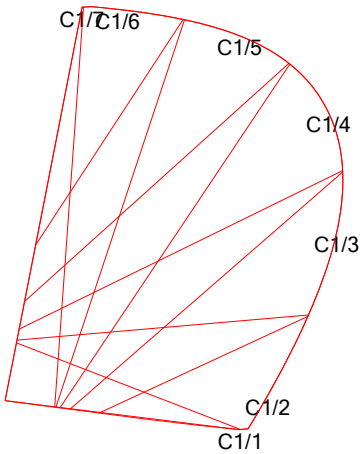
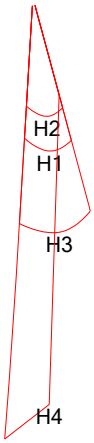
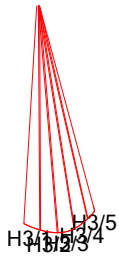
Edge Excesses

	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m
Cover 0	0.050m	0.100m	0.050m
Cover 1	0.050m	0.100m	0.050m

Total Seam Lengths (m)

Horizontal	106.77
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m?	Panels
Material 1	146.06	1,2,3,4,5 6,7,8,9,10 11,12,13,14,15 16,17,18,19,20

Genoa: 5001116-2 Maxi 80 jib.des