Genoa: 4000514 Dan staysail R0

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

Design File:
E:\Dropbox\Dropbox\Mike computer\Fareast Sails Production\2020\4000514 Dan\4000514 Dan staysail R0.des

Comments:

Initial Design Date: 13/5/2020
Boat:

Client:

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

Genoa

Measurements

Luff geodesic:	28.724Ft
Leech geodesic:	28.081Ft
Foot geodesic:	8.881Ft
Headboard width:	0.171Ft
Luff perpendicular (HLP):	8.634Ft
Upper width (HUW):	0.982Ft
Three-quarter width (HTW):	1.857Ft
Half width (HHW):	3.902Ft
Quarter width (HQW):	6.164Ft
Foot median:	28.149Ft
ORC Headsail area:	117.541Ft?
IRC Headsail area:	117.555Ft?
Surface area:	116.835Ft?
Forestay height:	30.000Ft
J:	7.200Ft

Draft Stripes

1, Luff: 9.533Ft ; Leech: 9.306Ft ;
2, Luff: 19.009Ft ; Leech: 18.524Ft ;

Luff Slides

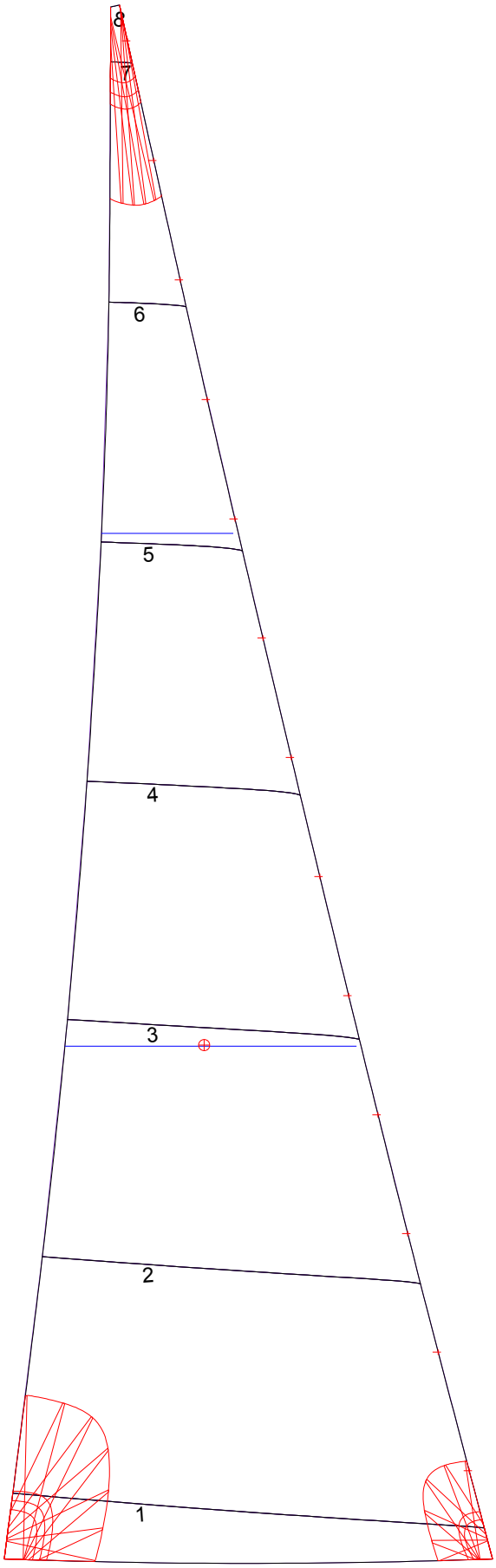
1, Position: 1.640Ft
2, Position: 3.843Ft
3, Position: 6.045Ft
4, Position: 8.247Ft
5, Position: 10.449Ft
6, Position: 12.652Ft
7, Position: 14.854Ft
8, Position: 17.056Ft
9, Position: 19.259Ft
10, Position: 21.461Ft
11, Position: 23.663Ft
12, Position: 25.865Ft
13, Position: 28.068Ft

Luff Curve

28.718Ft,	0.000Ft
21.538Ft,	0.187Ft
14.359Ft,	0.250Ft
7.179Ft,	0.187Ft
0.000Ft,	0.000Ft

Fanned Luff (@ 5.00% [0.439Ft])		Before BSeam
100% (28.718Ft) :	0.000Ft	0.000Ft
90% (25.844Ft) :	-0.082Ft	-0.032Ft
80% (22.977Ft) :	-0.155Ft	-0.058Ft
70% (20.103Ft) :	-0.207Ft	-0.061Ft
60% (17.232Ft) :	-0.237Ft	-0.051Ft
50% (14.359Ft) :	-0.248Ft	-0.039Ft
40% (11.487Ft) :	-0.241Ft	-0.033Ft
30% (8.614Ft) :	-0.213Ft	-0.031Ft
20% (5.745Ft) :	-0.162Ft	-0.028Ft
10% (2.867Ft) :	-0.084Ft	-0.016Ft
0% (0.000Ft) :	0.000Ft	0.000Ft

Genoa: 4000514 Dan staysail R0



Seam Allowances

	Split	Radial	Cross
Zone: 1	0.000Ft	0.000Ft	0.082Ft

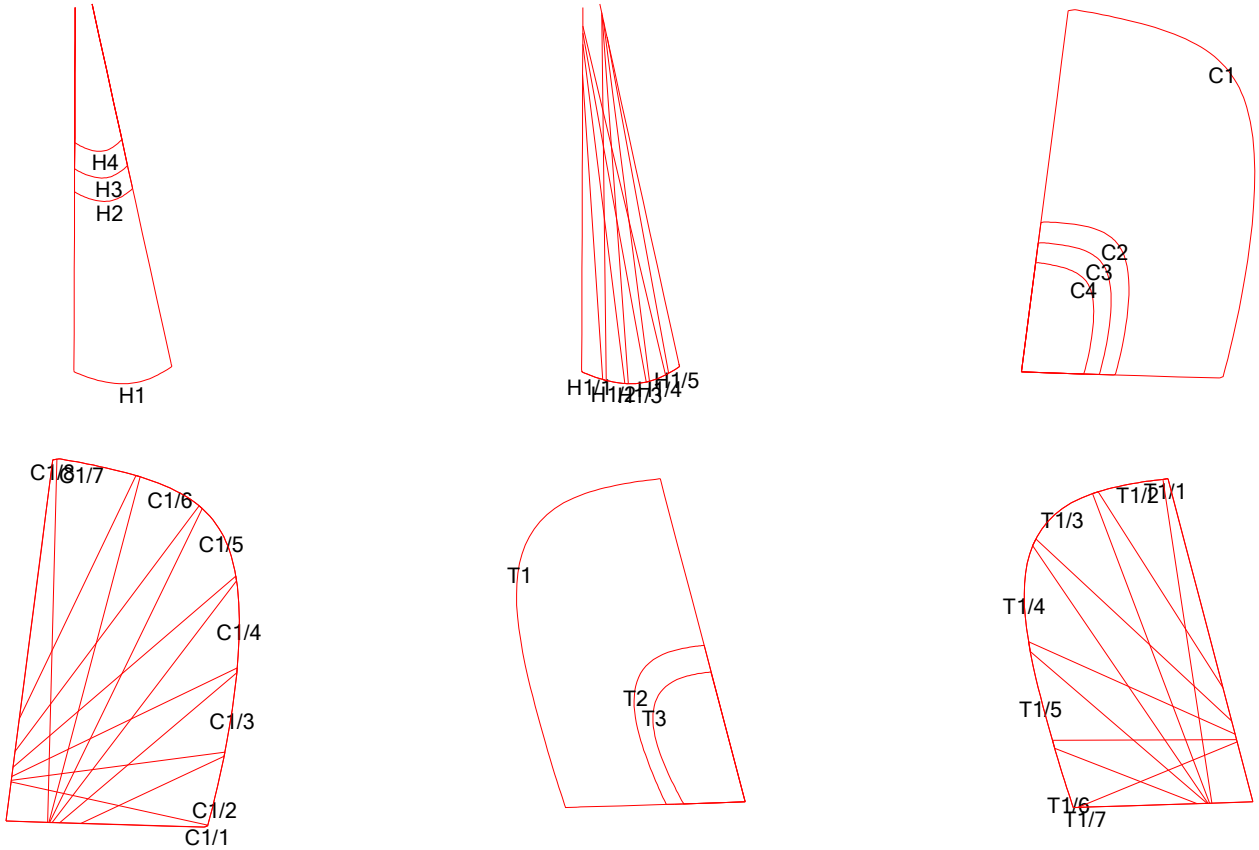
Edge Excesses

	Luff	Leech	Foot
Sail:	0.000Ft	0.000Ft	0.000Ft

Total Seam Lengths (Ft)

Horizontal	29.76
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft?	Panels
Material 1	117.30	1,2,3,4,5 6,7,8

Genoa: 4000514 Dan staysail R0