

Mainsail: 9001118 Diane mainsail R1 .des

Design Info
=====

Design File:
G:\System\Dropbox\Dropbox\Mike computer\Fareast Sails Production\9001118 Diane\9001118 Diane mainsail R1 .des

Initial Design Date: 7/12/2016
Boat:

Comments:

Client:

Design Data
=====

Main

Measurements

Luff Geodesic:	12.307m
Leech Geodesic:	12.658m
Foot Geodesic:	6.328m
Mainsail Girth Top(MGT) (87.5%):	0.965m
Mainsail Girth Upper(MGU) (75%):	1.849m
Mainsail Girth Medium(MGM)(50%):	3.455m
Mainsail Girth Lower(MGL) (25%):	4.908m
IMS Mainsail Area:	41.301m?
Mainsail Vertical Girth:	12.277m
Surface Area:	42.115m?

Battens

Position	Length	Roach	Angle	Full
80.000%	1.325m	0.145m	61.003?	
60.000%	1.893m	0.200m	61.003?	
40.000%	1.893m	0.166m	61.003?	
20.000%	1.800m	0.095m	61.003?	

Reefing Points

- 1, Luff: 1.841m ; Leech: 1.886m ; Offset: 0.000m ; Number Eyelets: 3
- 2, Luff: 3.683m ; Leech: 3.772m ; Offset: 0.000m ; Number Eyelets: 3
- 3, Luff: 5.527m ; Leech: 5.658m ; Offset: 0.000m ; Number Eyelets: 3

Luff Curve

Luff Curve		Fanned Luff (@ 5.00% [0.:Before BSeam	
12.307m,	0.000m	100% (12.307m) :	0.000m 0.000m
9.293m,	-0.051m	90% (11.078m) :	0.019m 0.049m
6.159m,	-0.059m	80% (9.845m) :	0.035m 0.094m
3.079m,	-0.040m	70% (8.615m) :	0.045m 0.125m
0.000m,	0.000m	60% (7.384m) :	0.048m 0.139m
		50% (6.154m) :	0.046m 0.140m
		40% (4.923m) :	0.041m 0.130m
		30% (3.692m) :	0.032m 0.111m
		20% (2.461m) :	0.021m 0.081m
		10% (1.232m) :	0.009m 0.039m
		0% (0.000m) :	0.000m 0.000m

Mainsail: 9001118 Diane mainsail R1 .des

#	Leech m	Luff m	Full	Length m
1	10.108	10.095		1.325
2	7.581	7.885		1.893
3	5.054	5.675		1.893
4	2.527	3.464		1.800

Seam Allowances

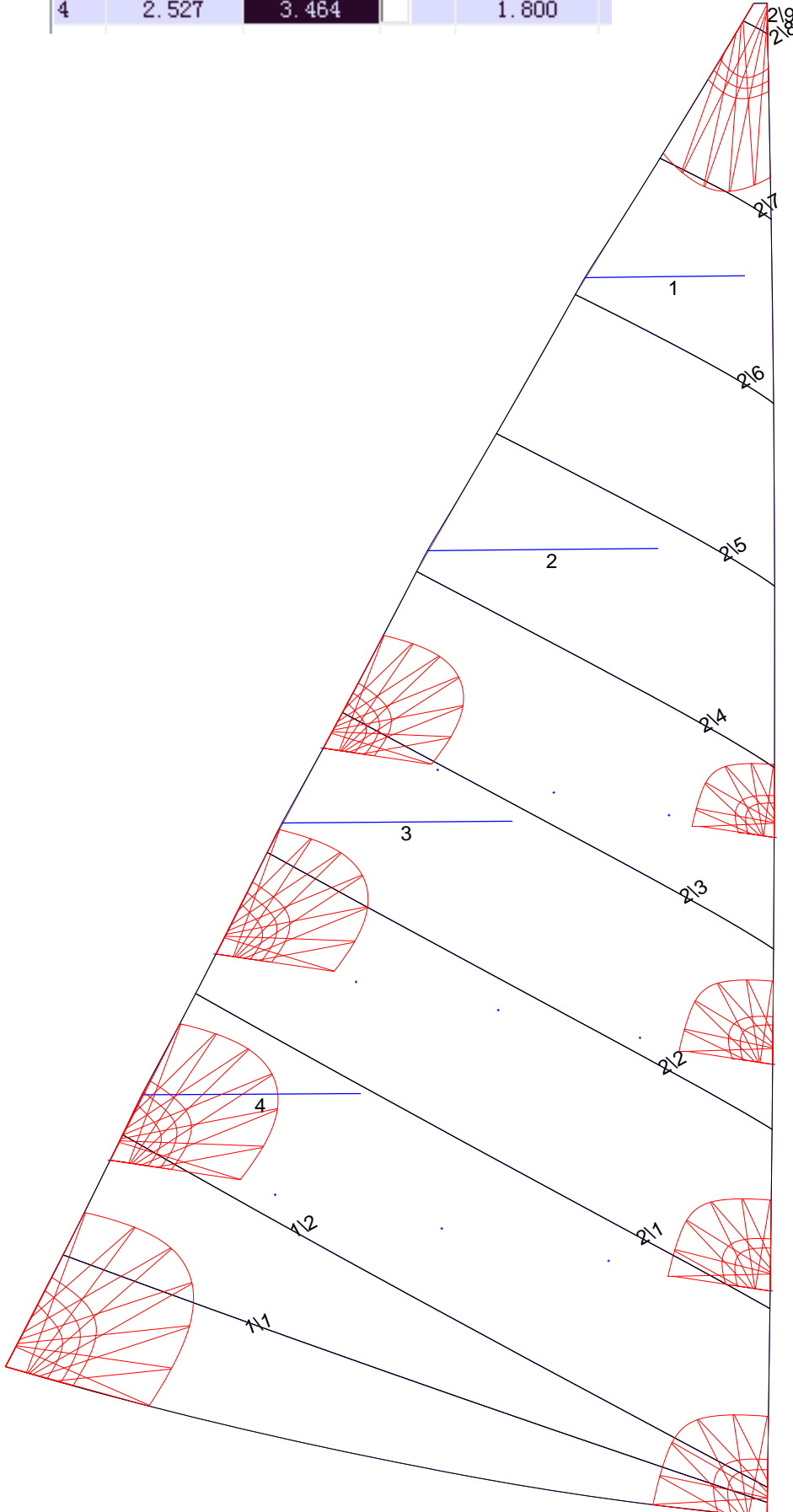
Zone:	Split	Radial	Cross
Zone: 1	0.000m	0.000m	0.038m
Zone: 2	0.000m	0.000m	0.038m

Edge Excesses

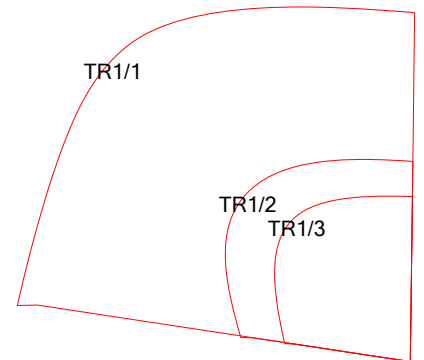
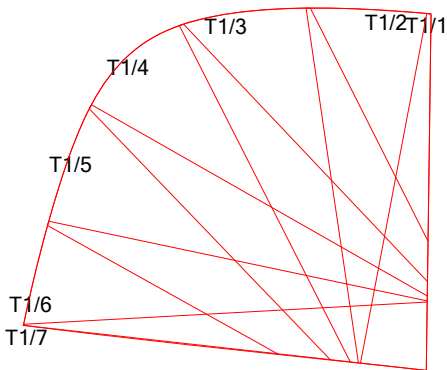
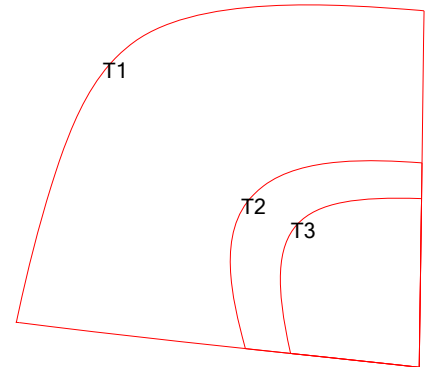
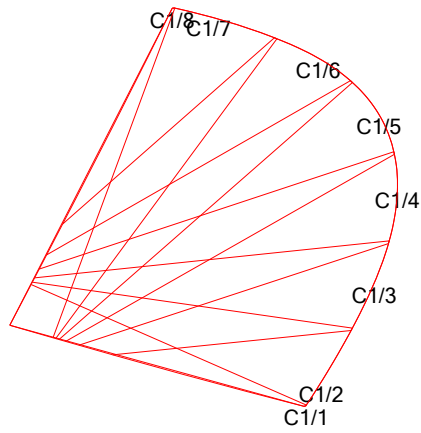
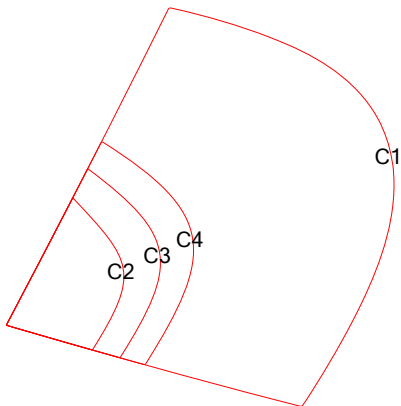
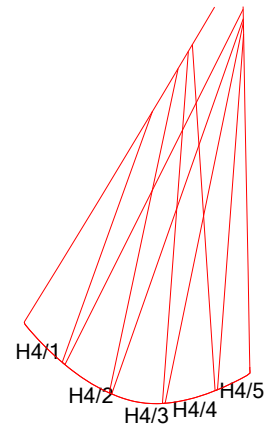
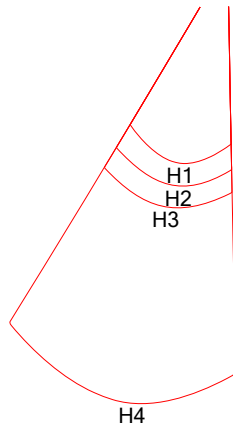
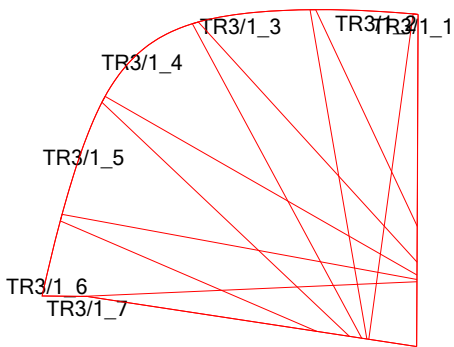
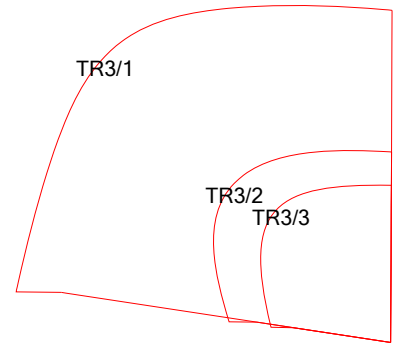
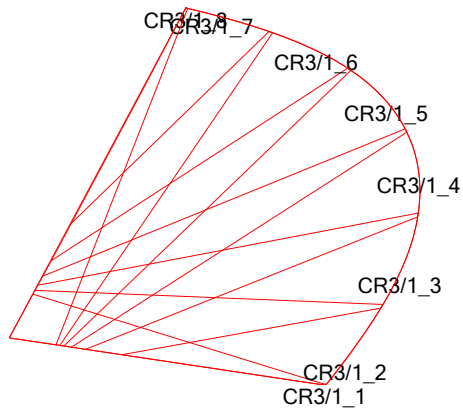
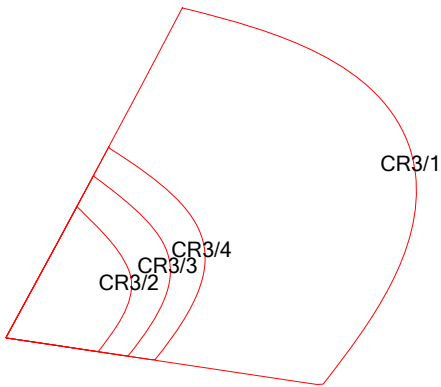
Sail:	Luff	Leech	Foot
Sail:	0.000m	0.000m	0.000m

Materials

Material	Area (m ²)	Panels
Material 1	42.18	1\1,1\2,2\1,2\2,2\3 2\4,2\5,2\6,2\7,2\8 2\9



Mainsail: 9001118 Diane mainsail R1 .des



Mainsail: 9001118 Diane mainsail R1 .des

