

Genoa: 7000721 Bradley HeadsailV1.des

Design Info
=====

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need Confrim Order\7000721 Bradley\700

Initial Design Date: 22/8/2023
Boat:

Comments:

Client:

Design Data
=====

Genoa

Measurements

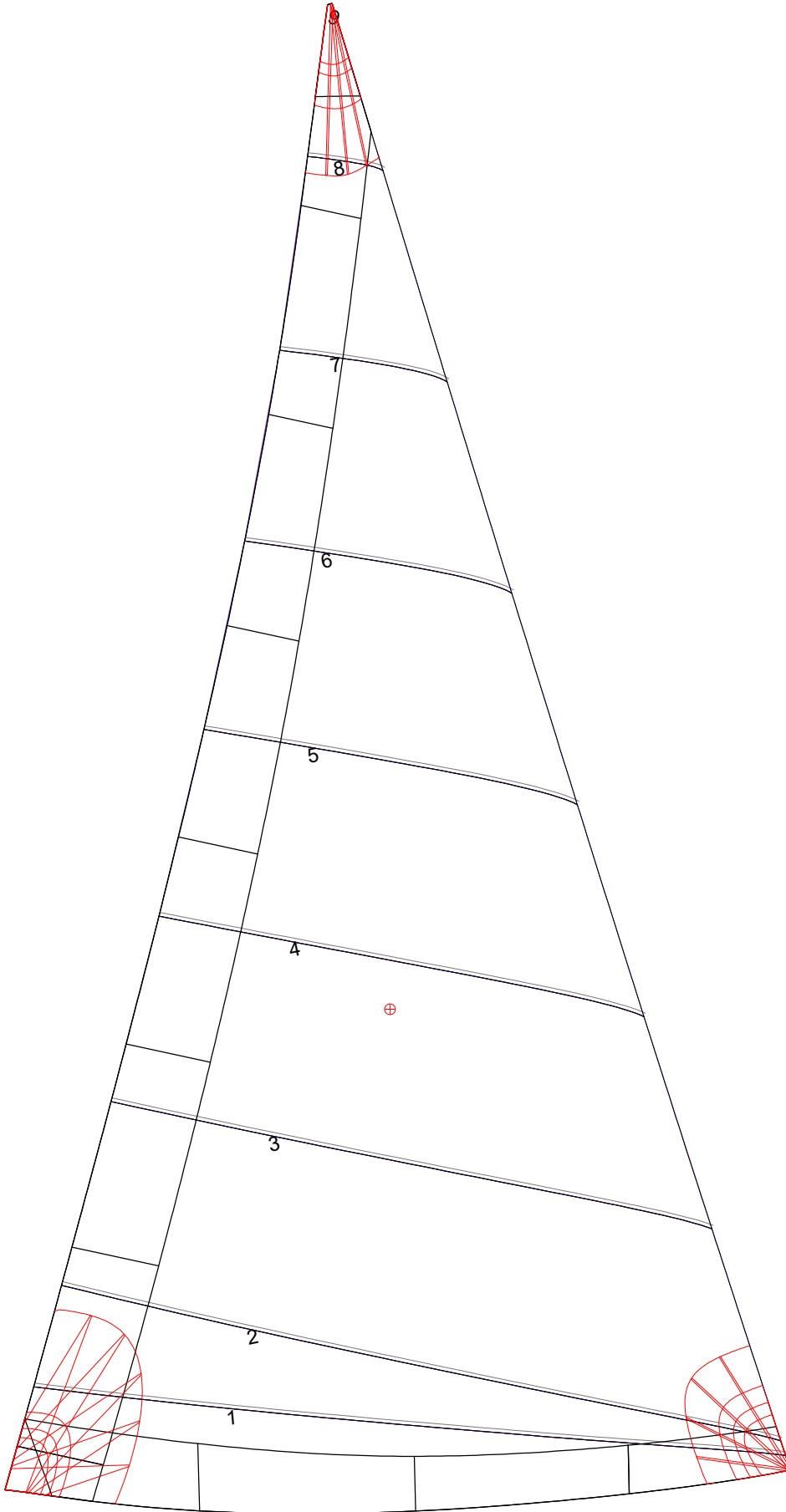
Luff geodesic: 10.260m
Leech geodesic: 10.230m
Foot geodesic: 5.323m
Headboard width: 0.035m
Luff perpendicular (HLP): 5.160m
Upper width (HUW): 0.600m
Three-quarter width (HTW): 1.193m
Half width (HHW): 2.471m
Quarter width (HQW): 3.808m
Foot median: 10.131m
ORC Headsail area: 25.878m?
IRC Headsail area: 25.806m?
Surface area: 26.316m?
Forestay height: 10.890m
J: 3.400m

Luff Curve

10.259m, 0.000m
7.694m, 0.044m
5.130m, 0.058m
2.565m, 0.044m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.262m])		Before BSeam
100% (10.259m) :	0.000m	0.000m
90% (9.233m) :	-0.017m	0.015m
80% (8.208m) :	-0.033m	0.030m
70% (7.181m) :	-0.046m	0.043m
60% (6.156m) :	-0.055m	0.052m
50% (5.130m) :	-0.059m	0.054m
40% (4.104m) :	-0.057m	0.051m
30% (3.077m) :	-0.051m	0.045m
20% (2.052m) :	-0.038m	0.035m
10% (1.025m) :	-0.020m	0.020m
0% (0.000m) :	-0.000m	0.000m

Genoa: 7000721 Bradley HeadsailV1.des



Seam Allowances

Zone:	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	24.19
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (m ²)	Panels
Material 1	26.39	1,2,3,4,5 6,7,8,9