

Genoa: 7000922 Scott-3 Pearson 365 Ketch HeadsailV1.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000922 Scott\7000

Initial Design Date: 19/10/2023
Boat:

Comments:

Client:

Design Data
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Genoa

Measurements

Luff geodesic:	462.20In
Leech geodesic:	434.05In
Foot geodesic:	261.18In
Headboard width:	1.38In
Luff perpendicular (HLP):	242.91In
Upper width (HUW):	28.21In
Three-quarter width (HTW):	56.15In
Half width (HHW):	115.52In
Quarter width (HQW):	178.43In
Foot median:	437.45In
ORC Headsail area:	379.905Ft?
IRC Headsail area:	379.077Ft?
Surface area:	384.180Ft?
Forestay height:	492.13In
J:	179.92In

Draft Stripes

- 1, Luff: 116.18In ; Leech: 98.38In ;
- 2, Luff: 232.32In ; Leech: 210.79In ;
- 3, Luff: 347.89In ; Leech: 320.83In ;

Luff Curve

		Fanned Luff (@ 5.00% [12.85In])	Before BSeam
462.10In,	0.00In	100% (462.12In) :	0.00In
423.70In,	1.61In	90% (415.88In) :	0.40In
381.24In,	2.91In	80% (369.76In) :	0.95In
343.85In,	3.58In	70% (323.50In) :	1.50In
300.38In,	3.83In	60% (277.30In) :	1.96In
229.96In,	3.36In	50% (231.07In) :	2.32In
150.18In,	2.28In	40% (184.86In) :	2.47In
78.11In,	1.14In	30% (138.63In) :	2.32In
0.00In,	0.00In	20% (92.45In) :	1.87In
		10% (46.17In) :	1.08In
		0% (0.00In) :	0.00In

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1	1.378In	1.378In	1.378In
Cover 1	0.984In	0.984In	0.984In
Cover 2	0.984In	0.984In	0.984In
Cover 3	0.000In	0.000In	0.000In
Cover 4	0.000In	0.000In	0.000In

Edge Excesses

	Luff	Leech	Foot
Sail:	0.000In	0.000In	0.000In
Cover 0	2.756In	3.937In	2.756In
Cover 1	2.756In	2.756In	3.937In
Cover 2	0.000In	2.756In	2.756In
Cover 3	0.000In	2.756In	2.756In

Total Seam Lengths (In)

Horizontal	1279.55
Radial/Vertical	0.00
Bi-Radial Split	0.00

Materials

Material	Area (Ft ²)	Panels
Material 1	384.83	1,2,3,4,5 6,7,8,9,10

