

Asymmetric: 8001032R Sean 2015 Jeanneau469 codezeroV1.des

Design Info =====

Initial Design Date: 2/11/2024
Boat:
2015 Jeanneau469 codezero
Client:

Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2024 Orders\Need to be Confirmed\8001032R Sean 20

Comments:

Design Data =====

Asymmetric

Measurements

Luff length (SLU): 16.400m
Leech length (SLE): 14.461m
Foot length (SFL): 9.622m
Headboard Width: 0.015m
Three-quarter width: 3.466m
Half width (SHW): 6.154m
Quarter width: 8.182m
ORC Area: 88.055m?
IRC Area: 87.703m?
Surface Area: 86.036m?
Hoist height: 17.000m
J: 6.660m

Closest Pt: 2.939m
Closest Pt: 5.409m
Closest Pt: 7.403m

Luff Curve

15.500m, 0.000m
11.625m, 0.000m
7.750m, 0.000m
3.875m, 0.000m
0.000m, 0.000m

Fanned Luff (@ 5.00% [0.460m])

100% (16.397m) : 0.000m -0.000m
90% (14.711m) : -0.062m 0.229m
80% (13.039m) : -0.106m 0.395m
69% (11.382m) : -0.130m 0.519m
59% (9.737m) : -0.139m 0.591m
49% (8.101m) : -0.136m 0.614m
39% (6.471m) : -0.123m 0.590m
30% (4.848m) : -0.100m 0.518m
20% (3.228m) : -0.071m 0.400m
10% (1.612m) : -0.037m 0.228m
0% (0.000m) : 0.000m 0.000m

Before BSeam

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Seam Allowances

	Split	Radial	Cross
Zone: 1/a	0.025m	0.016m	0.025m
Zone: 1/b	0.025m	0.016m	0.025m
Zone: 2/a	0.025m	0.016m	0.025m
Zone: 2/b	0.025m	0.016m	0.025m
Zone: 3/a	0.025m	0.016m	0.025m
Zone: 3/b	0.025m	0.016m	0.025m
Cover 1	0.000m	0.000m	0.000m
Cover 2	0.000m	0.000m	0.000m
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	0.000m	0.070m	0.070m
Cover 1	0.070m	0.070m	0.000m
Cover 2	0.070m	0.070m	0.000m
Cover 3	0.070m	0.070m	0.070m

Total Seam Lengths (m)

Horizontal	13.25
Radial/Vertical	254.67
Bi-Radial Split	15.47

Materials

Material	Area (m ²)	Panels
Material 1	42.66	1b\1,1b\2,1b\3,1b\4,1b\5 1b\6,1b\7,1b\8,1b\9,1b\10 1b\11,1b\12,1b\13,1b\14,2\1 2\2,2\3,2\4,2\5,2\6 2\7,3b\6,3b\5,3b\4,3b\3 3b\2,3b\1
Material 2	41.68	1\1,1\2,1\3,1\4,1\5 1\6,1\7,1\8,1\9,1\10 1\11,1\12,1\13,1\14,2b\7 2b\6,2b\5,2b\4,2b\3,2b\2 2b\1,3\1,3\2,3\3,3\4
Material 3	1.57	3\6 3\5

