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2020
Club
Double Handed

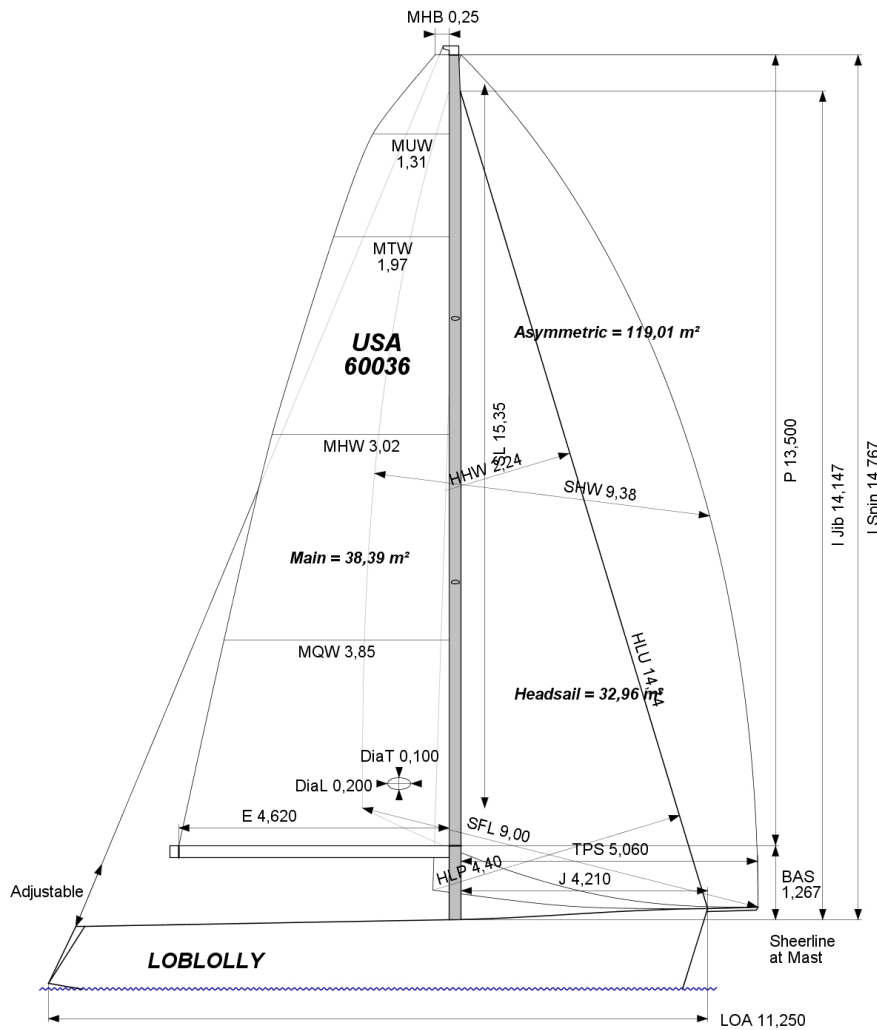
Rating Office

**Offshore
Racing
Congress**

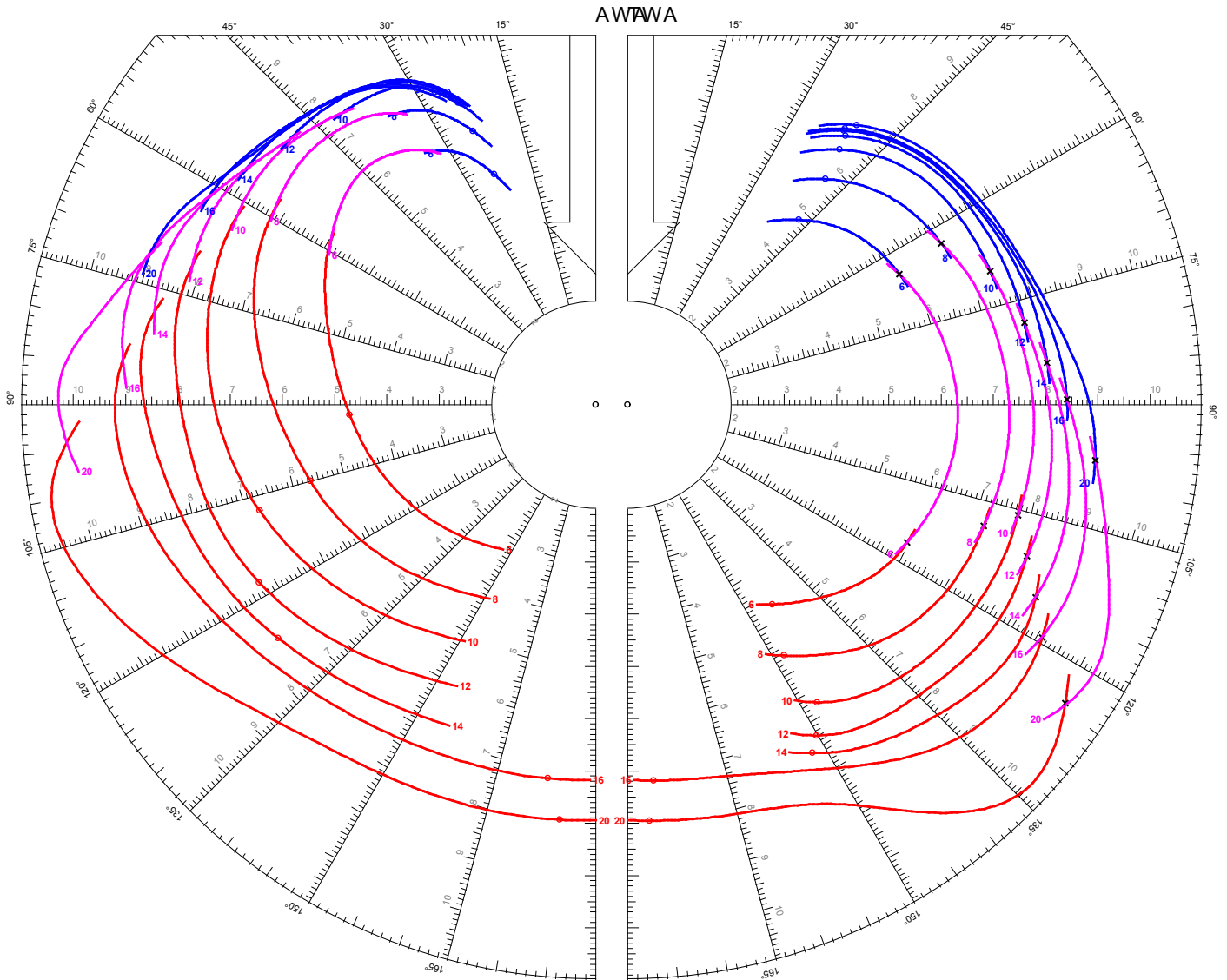


Certificate

Number **US6596**
Issued On **31/08/2020**
ORC Ref **03410000PCB**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**



BOAT Name LOBLOLLY Sail Nr USA-60036		GPH 600.3	HULL Data File US6599 LOA 11.250m Offset File US42538.OFF MB 3.548m Displacement 5,128kg Draft 2.154m		Crew Weight Default 170kg Maximum 170kg Non Manual Pwr No
CLASS Class JNU 3600 SF Designer ANDRIEU Builder JEANNEAU Series 01/2012 Age Date 01/2012 Age Allowance 0.260%			Performance IMS Division Performance Dynamic All. 0.000% Fiber Rigging No Construction Cored Crew Arm Ex 0.00 Aramid Core No Carbon Rudder No Light Stanchions No		Sails Limitations Headsails 5 Spinnakers 4 Asymmetric on centerline Spinnaker configuration Symmetric: No Asymmetric: Yes 119.01 Flying H/S: No Spin. Pole: No
COMMENTS WT COND. IRC, 7 GAL FUEL, 8 M FROM B			IMSLS IMSL 10.128m VCGD -0.125m Sink 20.50kg/mm RL 9.070m VCGM -0.131m WS 25.03m² LSM0 9.808m Displacement/Length ratio 5.4351		Stability (Measured) Limit Positive Stab.: 124.0° Stability Index: 123.3
PROPELLER Installation Strut PRD 0.400 Type Folding 2 blades PIPA 0.0033		CENTERBOARD N/A		Owner	
SCORING OPTIONS					
	Time on Distance	Time on Time			
Coastal or Long Distance	585.4	1.0250			
Circular Random	600.3	0.9995			
Predominantly Upwind	582.1	1.0307			
Predominantly Downwind	542.0	1.1070			



Polar Plot for Boat	
Name	LOBLOLLY
Sail Number	USA-60036
Class	JNU 3600 SF
Designer	ANDRIEU
Builder	JEANNEAU
Issued On	31/08/2020 - VPP 2020 1.02

2020

Double Handed Certificate Appendix

BOAT			
Name	LOBLOLLY	Certificate Number	US6596
Sail Nr	USA-60036	Issued On	31/08/2020

TIME ALLOWANCES								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	
Beat VMG	1018.9	835.6	739.0	701.2	688.2	683.3	674.5	
52°	670.5	562.2	508.7	490.0	484.2	481.8	475.3	
60°	636.3	539.3	495.1	477.3	470.8	467.8	462.2	
75°	592.2	507.3	480.4	466.2	452.5	445.2	440.0	
90°	571.5	494.2	464.8	447.9	436.5	427.3	408.0	
110°	589.3	501.9	464.5	441.0	415.0	393.6	368.2	
120°	613.8	510.5	469.2	439.9	412.5	395.6	350.7	
135°	692.3	554.3	489.7	459.2	430.4	401.5	341.8	
150°	819.3	652.0	549.5	494.6	471.5	450.2	400.0	
Run VMG	946.1	752.9	634.5	570.9	542.2	502.4	453.9	
Selected Courses								
Windward / Leeward	982.5	794.2	686.7	636.0	615.2	592.8	564.2	
Circular Random	822.4	665.3	582.4	535.3	506.7	487.5	460.1	
Coastal / Long Distance	978.8	745.2	619.4	552.5	519.7	491.2	437.7	
Non Spinnaker	900.5	720.2	622.4	565.2	530.0	506.9	477.2	

Velocity Prediction in Knots for True Wind Speeds								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	
Beat Angles	42.8°	41.3°	39.8°	39.0°	38.3°	38.3°	39.4°	
Beat VMG	3.53	4.31	4.87	5.13	5.23	5.27	5.34	
52°	5.37	6.40	7.08	7.35	7.43	7.47	7.57	
60°	5.66	6.67	7.27	7.54	7.65	7.70	7.79	
75°	6.08	7.10	7.49	7.72	7.96	8.09	8.18	
90°	6.30	7.28	7.75	8.04	8.25	8.43	8.82	
110°	6.11	7.17	7.75	8.16	8.67	9.15	9.78	
120°	5.87	7.05	7.67	8.18	8.73	9.10	10.27	
135°	5.20	6.49	7.35	7.84	8.36	8.97	10.53	
150°	4.39	5.52	6.55	7.28	7.63	8.00	9.00	
Run VMG	3.81	4.78	5.67	6.31	6.64	7.17	7.93	
Gybe Angles	144.0°	148.0°	147.5°	150.3°	152.0°	176.0°	177.0°	