



2020
Club
Double Handed

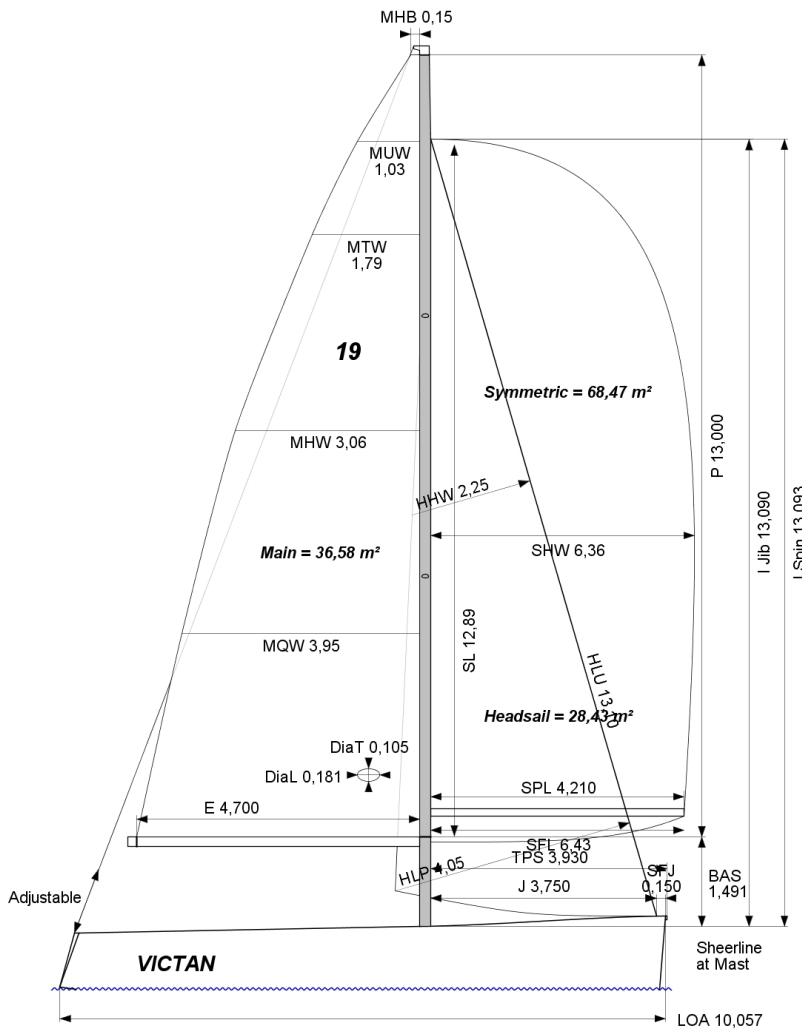
Rating Office

Offshore
Racing
Congress

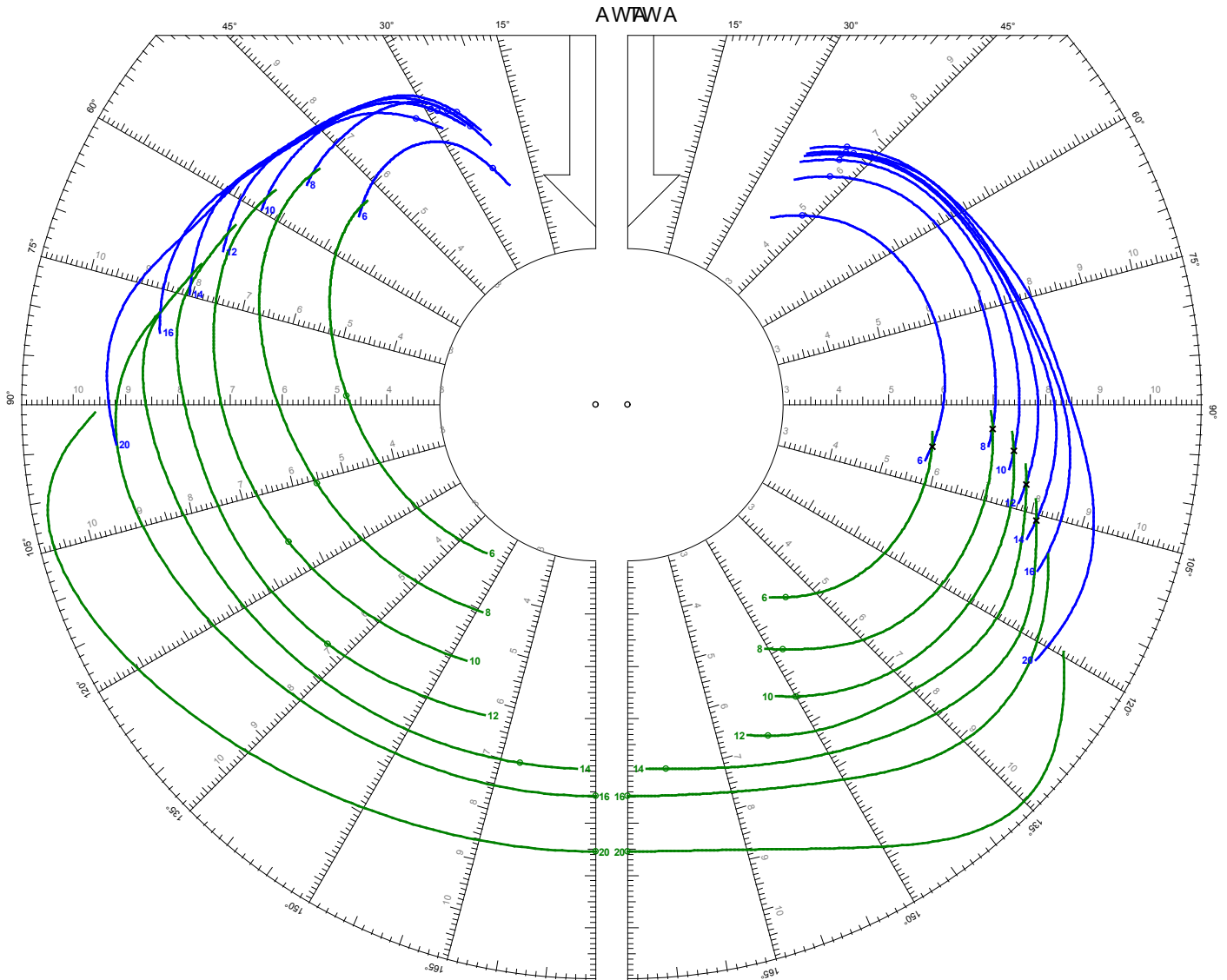


Certificate

Number **US6709**
Issued On **01/09/2020**
ORC Ref **03410000PIL**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**



BOAT Name VICTAN Sail Nr 19		GPH 608.0	HULL Data File US6709 LOA 10.057m Offset File FIGARO2corr.off MB 3.446m Displacement 3,023kg Draft 2.071m		Crew Weight Default 170kg Maximum 170kg Non Manual Pwr No	
CLASS Class FIGARO 2 Designer LOMBART Builder BENETEAU Series 10/2003 Age Date 01/2006 Age Allowance 0.487%			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	
COMMENTS			IMS Data IMSL 9.913m VCGD 0.076m Sink 16.77kg/mm RL 8.606m VCGM 0.060m WS 21.12m² LSM0 9.828m Displacement/Length ratio 3.1845		Spinnaker configuration Symmetric: Yes 68.47 Asymmetric: No Flying H/S: No Spin. Pole: Yes	
PROPELLER Installation Shaft non exposed PRD 0.400 Type Folding 2 blades PBW 0.100 PIPA 0.0044			CENTERBOARD N/A		Stability (Measured) Limit Positive Stab.: 107.2° Stability Index: 102.2	
SCORING OPTIONS						
	Time on Distance	Time on Time				
Coastal or Long Distance	592.2	1.0133				
Circular Random	608.0	0.9868				
Predominantly Upwind	590.5	1.0161				
Predominantly Downwind	548.3	1.0943				
Owner						



Polar Plot for Boat	
Name	VICTAN
Sail Number	19
Class	FIGARO 2
Designer	LOMBART
Builder	BENETEAU
Issued On	01/09/2020 - VPP 2020 1.02

BOAT	
Name VICTAN	Certificate Number US6709
Sail Nr 19	Issued On 01/09/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	998.5	826.2	743.3	719.8	712.3	702.6	701.7
52°	654.7	550.2	512.4	502.7	498.8	496.0	489.9
60°	619.6	528.0	498.3	487.8	483.0	480.8	471.6
75°	593.1	513.1	486.1	467.7	457.3	451.4	442.9
90°	598.7	513.9	482.5	460.0	437.6	422.0	409.2
110°	619.6	513.2	474.7	443.0	422.7	405.6	380.2
120°	637.8	522.9	478.7	443.5	411.0	386.2	356.8
135°	709.6	569.2	502.9	468.7	433.4	398.0	337.2
150°	851.4	670.4	562.0	502.7	470.0	437.2	370.9
Run VMG	983.1	774.1	649.0	571.7	519.7	483.5	423.5
Selected Courses							
Windward / Leeward	990.8	800.2	696.2	645.7	616.0	593.1	562.6
Circular Random	833.5	674.3	590.1	541.7	511.5	490.8	462.4
Coastal / Long Distance	990.1	751.9	628.7	562.8	524.7	491.1	438.6
Non Spinnaker	884.2	710.0	616.5	562.1	528.3	505.5	474.9

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°	41.6°	40.5°	39.4°	39.4°	39.0°	39.6°
Beat VMG	3.61	4.36	4.84	5.00	5.05	5.12	5.13
52°	5.50	6.54	7.03	7.16	7.22	7.26	7.35
60°	5.81	6.82	7.22	7.38	7.45	7.49	7.63
75°	6.07	7.02	7.41	7.70	7.87	7.97	8.13
90°	6.01	7.00	7.46	7.83	8.23	8.53	8.80
110°	5.81	7.01	7.58	8.13	8.52	8.87	9.47
120°	5.64	6.88	7.52	8.12	8.76	9.32	10.09
135°	5.07	6.32	7.16	7.68	8.31	9.04	10.68
150°	4.23	5.37	6.41	7.16	7.66	8.23	9.71
Run VMG	3.66	4.65	5.55	6.30	6.93	7.45	8.50
Gybe Angles	140.5°	147.5°	150.0°	157.0°	174.0°	180.0°	180.0°