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**2020
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **US6338**
Issued On **17/06/2020**
ORC Ref **03410000KSC**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default 571kg
Maximum **571kg**
Minimum* **428kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	609.6	0.9843
Non Spin OSN	594.1	1.0099

Sails Limitations

Headsails **5** Spinnakers **4**

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 102.97**
Flying H/S: **No**
Spin. Pole: **No**

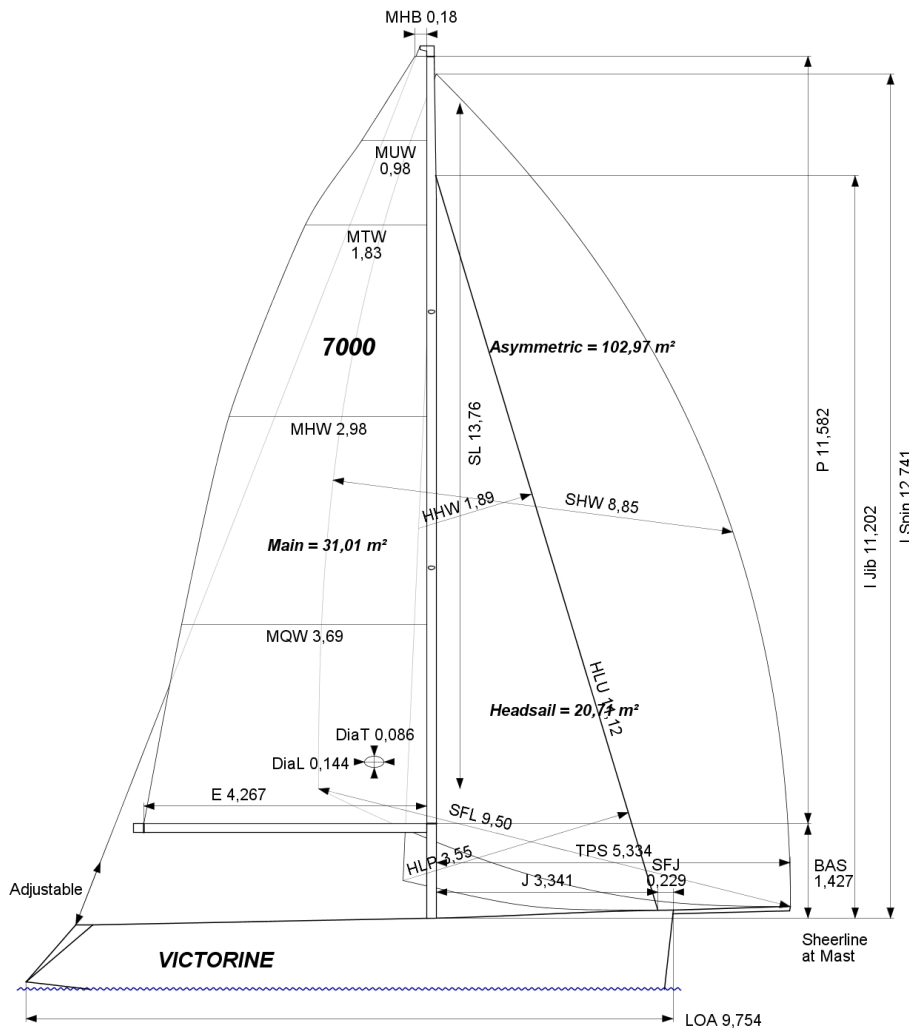
Class Division Length

CDL = 9.420

Stability (Estimated)

Limit Positive Stab.: **135.6°**
Stability Index: **129.3**

Owner



BOAT	GPH	HULL
Name VICTORINE Sail Nr 7000	559.8	Data File US6338 LOA 9.754m Offset File CY3011c.off MB 2.872m Displacement 1,995kg Draft 2.049m
CLASS Class COLUMBIA 32 Designer KERNAN Builder COLUMBIA Series 01/2005 Age Date 01/2007 Age Allowance 0.487%		IMS Division Performance Dynamic All. 0.000% Plan Review Construction Cored Fiber Rigging Yes Aramid Core No Crew Arm Ex 0.00 Carbon Rudder Yes Light Stanchions
COMMENTS		IMSL 9.157m VCGD -0.324m Sink 12.48kg/mm RL 9.682m VCGM -0.351m WS 14.74m² LSM0 8.769m Displacement/Length ratio 2.9586
PROPELLER Type No Propeller		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD NA
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	546.8	618.4
Time on Time	1.0973	1.0916
Triple Number	Low Medium High	Low Medium High
Time on Distance	631.5 501.9 435.6	816.8 624.9 536.9
Time on Time	1.0689 1.3450 1.5496	0.8264 1.0801 1.2573

2020

ORC Club Certificate Appendix

BOAT	
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	941.4	772.1	700.1	678.6	670.5	661.9	661.5
52°	614.8	526.9	498.7	487.7	481.9	477.9	468.3
60°	578.5	512.8	484.6	468.4	459.9	455.5	441.8
75°	538.4	493.3	468.3	439.6	424.6	416.4	404.3
90°	523.5	475.6	441.6	421.0	401.0	381.2	364.5
110°	534.2	481.4	433.8	391.8	363.8	343.5	314.6
120°	557.0	485.8	435.6	399.9	358.7	324.6	288.0
135°	629.3	511.9	462.0	413.4	364.2	321.8	272.8
150°	750.0	595.4	515.1	467.4	424.9	378.2	285.1
Run VMG	866.1	687.6	595.6	539.6	490.6	436.7	329.2
Selected Courses							
Windward / Leeward	903.7	729.8	647.8	609.1	580.6	549.3	495.3
Circular Random	761.9	620.5	544.7	499.2	468.4	445.0	409.3
Coastal / Long Distance	900.0	687.3	585.5	527.0	486.1	446.0	382.9
Non Spinnaker	846.2	681.1	591.6	538.2	503.6	478.9	443.1

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°	38.3°	37.1°	36.8°	36.4°	37.1°
Beat VMG	3.82	4.66	5.14	5.30	5.37	5.44	5.44
52°	5.86	6.83	7.22	7.38	7.47	7.53	7.69
60°	6.22	7.02	7.43	7.69	7.83	7.90	8.15
75°	6.69	7.30	7.69	8.19	8.48	8.65	8.90
90°	6.88	7.57	8.15	8.55	8.98	9.44	9.88
110°	6.74	7.48	8.30	9.19	9.90	10.48	11.44
120°	6.46	7.41	8.26	9.00	10.04	11.09	12.50
135°	5.72	7.03	7.79	8.71	9.88	11.19	13.20
150°	4.80	6.05	6.99	7.70	8.47	9.52	12.63
Run VMG	4.16	5.24	6.04	6.67	7.34	8.24	10.94
Gybe Angles	142.5°	145.5°	150.5°	150.0°	147.0°	144.0°	143.3°