

2019

ORC Club Certificate Appendix

BOAT

Name	Loupiot	Certificate Number	011/19
Sail Nr	HUN-27906	Issued On	23/05/2019

TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	982.6	830.1	773.9	746.6	734.3	729.6	718.0
52°	644.5	564.8	544.7	536.2	530.1	527.1	519.7
60°	607.1	547.2	530.1	521.6	515.6	511.4	504.9
75°	578.5	532.8	512.4	500.0	491.8	484.4	476.7
90°	576.1	531.6	507.9	487.0	470.4	460.2	444.2
110°	611.1	534.2	502.4	480.3	455.3	433.6	411.6
120°	625.1	539.6	503.8	471.6	445.9	429.3	388.4
135°	696.8	570.9	522.2	488.6	454.9	422.7	355.1
150°	826.9	668.5	569.2	521.2	490.0	458.6	396.6
Run VMG	954.8	771.9	655.6	584.1	536.7	505.9	448.0

Selected Courses

Windward / Leeward	968.7	801.0	714.7	665.4	635.5	617.8	583.0
Circular Random	833.1	685.1	608.2	564.4	536.8	517.0	486.8
Coastal / Long Distance	967.4	755.1	649.5	587.5	551.2	522.5	468.4
Non Spinnaker	943.3	759.1	660.3	603.1	568.0	544.7	513.2

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	42.5°	41.3°	38.7°	37.6°	37.1°	37.3°	37.2°
Beat VMG	3.66	4.34	4.65	4.82	4.90	4.93	5.01
52°	5.59	6.37	6.61	6.71	6.79	6.83	6.93
60°	5.93	6.58	6.79	6.90	6.98	7.04	7.13
75°	6.22	6.76	7.03	7.20	7.32	7.43	7.55
90°	6.25	6.77	7.09	7.39	7.65	7.82	8.10
110°	5.89	6.74	7.17	7.50	7.91	8.30	8.75
120°	5.76	6.67	7.15	7.63	8.07	8.39	9.27
135°	5.17	6.31	6.89	7.37	7.91	8.52	10.14
150°	4.35	5.39	6.33	6.91	7.35	7.85	9.08
Run VMG	3.77	4.66	5.49	6.16	6.71	7.12	8.04
Gybe Angles	140.2°	147.9°	151.5°	160.8°	180.0°	180.0°	180.0°