

2020

ORC Club Certificate Appendix

BOAT		Certificate Number	040/20
Name	Metch	Issued On	19/06/2020
Sail Nr	BUL-42		

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1152.5	969.8	868.0	825.9	815.0	812.5	825.3
52°	765.6	657.6	620.0	600.7	591.4	586.9	587.7
60°	727.4	639.0	607.1	586.1	572.0	565.4	562.6
75°	703.3	629.2	595.9	570.3	549.3	535.7	526.2
90°	711.7	628.3	586.7	555.2	534.5	520.3	494.5
110°	734.2	628.8	585.6	548.0	517.0	491.2	458.1
120°	761.9	641.7	595.0	558.6	525.8	495.8	440.9
135°	845.9	694.6	620.9	583.6	549.2	518.9	460.4
150°	988.6	790.0	671.5	614.6	580.3	548.2	493.2
Run VMG	1141.6	911.2	769.7	673.8	618.9	585.0	526.3
Selected Courses							
Windward / Leeward	1147.0	940.5	818.9	749.9	716.9	698.7	675.8
Circular Random	983.2	800.5	703.7	648.0	614.0	591.8	563.4
Coastal / Long Distance	1146.5	887.3	746.8	668.3	627.1	593.5	534.2
Non Spinnaker	1019.6	826.6	723.7	664.2	627.8	604.2	574.6

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	41.3°	41.1°	38.6°	37.1°	36.8°	36.8°	37.9°
Beat VMG	3.12	3.71	4.15	4.36	4.42	4.43	4.36
52°	4.70	5.47	5.81	5.99	6.09	6.13	6.13
60°	4.95	5.63	5.93	6.14	6.29	6.37	6.40
75°	5.12	5.72	6.04	6.31	6.55	6.72	6.84
90°	5.06	5.73	6.14	6.48	6.74	6.92	7.28
110°	4.90	5.72	6.15	6.57	6.96	7.33	7.86
120°	4.73	5.61	6.05	6.44	6.85	7.26	8.17
135°	4.26	5.18	5.80	6.17	6.56	6.94	7.82
150°	3.64	4.56	5.36	5.86	6.20	6.57	7.30
Run VMG	3.15	3.95	4.68	5.34	5.82	6.15	6.84
Gybe Angles	149.0°	153.0°	156.0°	180.0°	180.0°	180.0°	180.0°