

2020

ORC Club Certificate Appendix

BOAT			
Name	PRESTO	Certificate Number	LT1289
Sail Nr	LTU-1289	Issued On	01/08/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1100.2	906.6	800.9	764.2	755.4	754.0	752.4
52°	721.8	605.7	559.3	542.3	536.4	533.8	527.0
60°	676.5	582.5	545.7	525.6	516.9	512.3	504.2
75°	645.4	563.2	533.7	505.4	483.7	473.4	466.0
90°	612.5	542.4	511.3	492.7	470.9	445.2	420.5
110°	616.3	537.9	494.6	461.7	431.7	411.4	379.7
120°	633.2	544.8	498.5	454.0	421.5	391.7	346.2
135°	715.1	579.4	525.9	482.1	438.3	394.8	306.5
150°	843.1	672.1	577.9	533.1	501.6	458.9	362.2
Run VMG	973.6	776.0	667.3	614.6	569.2	529.9	418.2
Selected Courses							
Windward / Leeward	1036.9	841.3	734.1	689.4	662.3	642.0	585.3
Circular Random	875.6	711.4	624.2	573.3	540.4	515.9	476.3
Coastal / Long Distance	1030.5	790.1	664.4	597.6	558.3	520.2	450.0
Non Spinnaker	959.7	769.8	667.4	607.6	570.2	544.8	509.2

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°	41.6°	39.8°	38.3°	38.4°	38.6°	39.4°
Beat VMG	3.27	3.97	4.50	4.71	4.77	4.77	4.78
52°	4.99	5.94	6.44	6.64	6.71	6.74	6.83
60°	5.32	6.18	6.60	6.85	6.96	7.03	7.14
75°	5.58	6.39	6.75	7.12	7.44	7.60	7.73
90°	5.88	6.64	7.04	7.31	7.64	8.09	8.56
110°	5.84	6.69	7.28	7.80	8.34	8.75	9.48
120°	5.69	6.61	7.22	7.93	8.54	9.19	10.40
135°	5.03	6.21	6.85	7.47	8.21	9.12	11.75
150°	4.27	5.36	6.23	6.75	7.18	7.84	9.94
Run VMG	3.70	4.64	5.39	5.86	6.32	6.79	8.61
Gybe Angles	145.0°	148.0°	149.3°	151.0°	176.0°	144.0°	138.8°