

**ORC**Offshore Racing Congress
World leader in rating technology

2020

ORC Club Certificate Appendix

| BOAT | |
|--------------------|-------------------|
| Name | JUMPIRA |
| Sail Nr | LTU 1017 |
| Certificate Number | LT1017 |
| 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 | 1121.1 | 916.7 | 803.5 | 751.1 | 738.8 | 735.0 | 724.8 |
| 52° | 740.4 | 616.6 | 569.7 | 544.9 | 535.5 | 531.1 | 517.8 |
| 60° | 703.7 | 594.6 | 556.6 | 527.8 | 512.5 | 505.6 | 492.5 |
| 75° | 679.7 | 583.0 | 544.9 | 509.8 | 478.0 | 463.2 | 453.1 |
| 90° | 669.7 | 568.6 | 527.0 | 502.7 | 470.4 | 434.4 | 404.2 |
| 110° | 666.6 | 562.9 | 511.7 | 463.0 | 433.6 | 410.7 | 376.2 |
| 120° | 688.7 | 573.8 | 522.1 | 469.9 | 419.0 | 386.6 | 347.3 |
| 135° | 766.7 | 618.5 | 554.1 | 508.1 | 459.6 | 409.5 | 318.3 |
| 150° | 924.5 | 725.6 | 609.8 | 551.6 | 509.6 | 466.3 | 375.7 |
| Run VMG | 1067.6 | 837.9 | 701.9 | 619.6 | 564.2 | 525.8 | 442.9 |
| Selected Courses | | | | | | | |
| Windward / Leeward | 1094.4 | 877.3 | 752.7 | 685.3 | 651.5 | 630.4 | 583.9 |
| Circular Random | 915.9 | 736.0 | 638.0 | 579.1 | 540.6 | 513.0 | 472.8 |
| Coastal / Long Distance | 1091.7 | 825.0 | 682.6 | 600.9 | 553.5 | 513.1 | 445.1 |
| Non Spinnaker | 989.3 | 788.1 | 677.7 | 611.3 | 568.5 | 538.3 | 494.8 |

| 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 | 42.0° | 41.3° | 39.0° | 36.4° | 36.0° | 36.0° | 36.0° |
| Beat VMG | 3.21 | 3.93 | 4.48 | 4.79 | 4.87 | 4.90 | 4.97 |
| 52° | 4.86 | 5.84 | 6.32 | 6.61 | 6.72 | 6.78 | 6.95 |
| 60° | 5.12 | 6.05 | 6.47 | 6.82 | 7.02 | 7.12 | 7.31 |
| 75° | 5.30 | 6.17 | 6.61 | 7.06 | 7.53 | 7.77 | 7.95 |
| 90° | 5.38 | 6.33 | 6.83 | 7.16 | 7.65 | 8.29 | 8.91 |
| 110° | 5.40 | 6.40 | 7.04 | 7.78 | 8.30 | 8.77 | 9.57 |
| 120° | 5.23 | 6.27 | 6.89 | 7.66 | 8.59 | 9.31 | 10.37 |
| 135° | 4.70 | 5.82 | 6.50 | 7.09 | 7.83 | 8.79 | 11.31 |
| 150° | 3.89 | 4.96 | 5.90 | 6.53 | 7.06 | 7.72 | 9.58 |
| Run VMG | 3.37 | 4.30 | 5.13 | 5.81 | 6.38 | 6.85 | 8.13 |
| Gybe Angles | 145.0° | 149.0° | 152.0° | 163.0° | 180.0° | 180.0° | 151.0° |