



**ORC**

Offshore Racing Congress  
World leader in rating technology

**2019  
ORC Club  
Certificate**

**Rating Office**

Hungarian Yachting  
Association  
Istvanmezei ut 1-3  
H-1146 Budapest  
HUNGARY



**Certificate**

Number **016/19**  
Issued On **31/05/2019**  
ORC Ref **HUN10025416**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**

Default 898kg  
Maximum **800kg**  
Minimum\* **600kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

ToD ToT  
Double H.GPH **519.6 1.1547**  
Double H.OSN **512.7 1.1704**  
Non Spin GPH **543.2 1.1046**  
Non Spin OSN **533.9 1.1238**

**Sails Limitations**

Headsails **7** Spinnakers **5**  
**Asymmetric on centerline**  
**Spinnaker configuration**  
Symmetric: **No**  
Asymmetric: **Yes 184.06**  
Flying H/S: **Yes 57.15**  
Spin. Pole: **No**

**Class Division Length**

**CDL = 11.902**

**Stability (Estimated)**

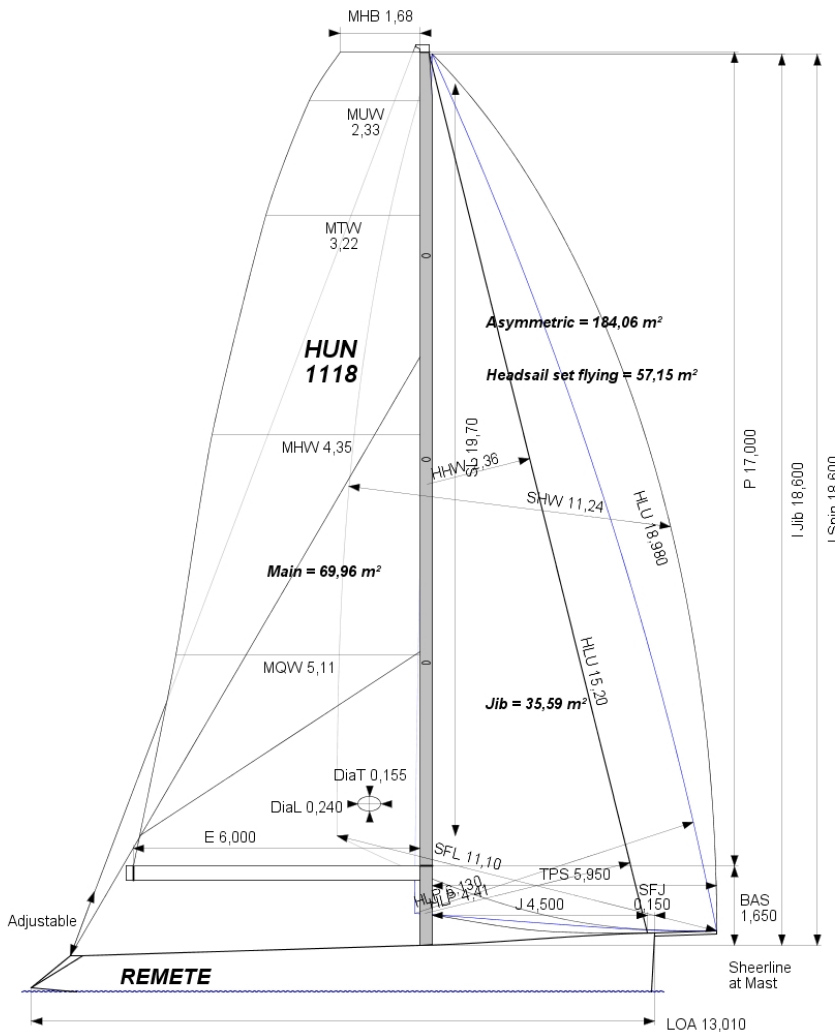
Limit Positive Stab.: **117.8°**  
Stability Index: **114.6**

**Owner**

András Szakolczai  
Diófa u. 31  
2051 Biatorbágy  
HUNGARY

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature



|                                |                                |                    |               |                                   |   |                           |  |  |  |
|--------------------------------|--------------------------------|--------------------|---------------|-----------------------------------|---|---------------------------|--|--|--|
| <b>BOAT</b>                    |                                | <b>GPH</b>         |               | <b>HULL</b>                       |   |                           |  |  |  |
| Name <b>Remete</b>             |                                | <b>504.1</b>       |               | Data File <b>HUN1118</b>          | LOA <b>13.010m</b>                      |                           |  |  |  |
| Sail Nr <b>HUN-1118</b>        |                                |                    |               | Offset File <b>NAU12C180.OFF</b>  | MB <b>4.038m</b>                        |                           |  |  |  |
|                                |                                |                    |               | Displacement <b>4 995kg</b>       | Draft <b>1.851m</b>                     |                           |  |  |  |
| <b>CLASS</b>                   |                                |                    |               | IMS Division <b>Cruiser/Racer</b> | Dynamic All. <b>0.000%</b>              |                           |  |  |  |
| Class <b>Nautic 12 Cruiser</b> |                                |                    |               | Fwd Accom. <b>Yes</b>             | Construction <b>Cored</b>               |                           |  |  |  |
| Designer <b>Justin</b>         |                                |                    |               | Fiber Rigging <b>No</b>           | Aramid Core <b>No</b>                   |                           |  |  |  |
| Builder <b>Nautic Boat</b>     |                                |                    |               | Crew Arm Ex                       | Carbon Rudder <b>Yes</b>                |                           |  |  |  |
| Series <b>01/1998</b>          |                                |                    |               | Light Stanchions <b>No</b>        |   |                           |  |  |  |
| Age Date <b>01/1998</b>        |                                |                    |               | IMSL <b>12.432m</b>               | VCGD <b>-0.350m</b>                     | Sink <b>24.15kg/mm</b>    |  |  |  |
| Age Allowance <b>0.487%</b>    |                                |                    |               | RL <b>11.369m</b>                 | VCGM <b>-0.302m</b>                     | WS <b>28.79m²</b>         |  |  |  |
| <b>COMMENTS</b>                |                                |                    |               | LSM0 <b>12.048m</b>               | Displacement/Length ratio <b>2.8562</b> |                           |  |  |  |
|                                |                                |                    |               | Water Ballast <b>0</b>            | Trim Tab <b>No</b>                      |                           |  |  |  |
|                                |                                |                    |               | BLR Index <b>0.0000</b>           |   |                           |  |  |  |
| <b>PROPELLER</b>               |                                |                    |               | <b>CENTERBOARD</b>                |   |                           |  |  |  |
| Installation <b>Strut</b>      |                                | PRD <b>0.400</b>   |               | <b>N/A</b>                        |   |                           |  |  |  |
| Type <b>Folding 2 blades</b>   |                                | PBW <b>0.200</b>   |               |                                   |   |                           |  |  |  |
|                                |                                | PIPA <b>0.0042</b> |               |                                   |   |                           |  |  |  |
| <b>SCORING OPTIONS</b>         |                                |                    |               |                                   |   |                           |  |  |  |
|                                | <b>COASTAL / LONG DISTANCE</b> |                    |               |                                   |   | <b>WINDWARD / LEEWARD</b> |  |  |  |
| Time on Distance               | <b>494.6</b>                   |                    |               |                                   |   | <b>561.0</b>              |  |  |  |
| Time on Time                   | <b>1.2130</b>                  |                    |               |                                   |   | <b>1.2031</b>             |  |  |  |
| Triple Number                  | Low                            | Medium             | High          | Low                               | Medium                                  | High                      |  |  |  |
| Time on Distance               | <b>564.6</b>                   | <b>453.0</b>       | <b>394.7</b>  | <b>736.6</b>                      | <b>567.9</b>                            | <b>489.2</b>              |  |  |  |
| Time on Time                   | <b>1.1955</b>                  | <b>1.4900</b>      | <b>1.7100</b> | <b>0.9164</b>                     | <b>1.1886</b>                           | <b>1.3799</b>             |  |  |  |

# 2019

## ORC Club Certificate Appendix

| <b>BOAT</b>             |                                  |
|-------------------------|----------------------------------|
| Name <b>Remete</b>      | Certificate Number <b>016/19</b> |
| Sail Nr <b>HUN-1118</b> | Issued On <b>31/05/2019</b>      |

| <b>TIME ALLOWANCES</b>  |              |              |              |              |              |              |              |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Wind Velocity           | 6 kt         | 8 kt         | 10 kt        | 12 kt        | 14 kt        | 16 kt        | 20 kt        |
| Beat VMG                | <b>836.0</b> | <b>698.4</b> | <b>648.0</b> | <b>626.2</b> | <b>608.0</b> | <b>596.9</b> | <b>593.9</b> |
| 52°                     | <b>534.6</b> | <b>465.0</b> | <b>444.2</b> | <b>435.3</b> | <b>430.1</b> | <b>420.3</b> | <b>414.8</b> |
| 60°                     | <b>495.8</b> | <b>447.4</b> | <b>428.8</b> | <b>418.9</b> | <b>412.1</b> | <b>402.7</b> | <b>390.3</b> |
| 75°                     | <b>465.2</b> | <b>427.1</b> | <b>407.0</b> | <b>389.7</b> | <b>378.6</b> | <b>371.5</b> | <b>352.3</b> |
| 90°                     | <b>458.4</b> | <b>419.9</b> | <b>390.1</b> | <b>369.7</b> | <b>352.0</b> | <b>340.0</b> | <b>326.8</b> |
| 110°                    | <b>489.4</b> | <b>430.6</b> | <b>398.7</b> | <b>369.5</b> | <b>335.3</b> | <b>313.6</b> | <b>287.0</b> |
| 120°                    | <b>509.8</b> | <b>432.9</b> | <b>392.8</b> | <b>362.7</b> | <b>339.1</b> | <b>310.8</b> | <b>271.3</b> |
| 135°                    | <b>570.2</b> | <b>455.2</b> | <b>413.3</b> | <b>372.9</b> | <b>332.8</b> | <b>299.9</b> | <b>260.5</b> |
| 150°                    | <b>682.9</b> | <b>539.8</b> | <b>461.8</b> | <b>415.0</b> | <b>383.6</b> | <b>345.7</b> | <b>275.7</b> |
| Run VMG                 | <b>788.6</b> | <b>623.3</b> | <b>533.2</b> | <b>481.4</b> | <b>443.0</b> | <b>399.1</b> | <b>318.3</b> |
| <b>Selected Courses</b> |              |              |              |              |              |              |              |
| Windward / Leeward      | <b>812.3</b> | <b>660.8</b> | <b>590.6</b> | <b>553.8</b> | <b>525.5</b> | <b>498.0</b> | <b>456.1</b> |
| Circular Random         | <b>683.1</b> | <b>557.5</b> | <b>490.7</b> | <b>450.6</b> | <b>423.6</b> | <b>403.2</b> | <b>372.6</b> |
| Coastal / Long Distance | <b>809.9</b> | <b>620.7</b> | <b>531.0</b> | <b>476.5</b> | <b>440.4</b> | <b>404.8</b> | <b>349.5</b> |
| Non Spinnaker           | <b>751.8</b> | <b>606.4</b> | <b>527.5</b> | <b>479.9</b> | <b>448.5</b> | <b>425.9</b> | <b>394.2</b> |

| <b>Velocity Prediction in Knots for True Wind Speeds</b> |               |               |               |               |               |               |               |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Wind Velocity  | 6 kt          | 8 kt          | 10 kt         | 12 kt         | 14 kt         | 16 kt         | 20 kt         |
| Beat Angles  | <b>45.4°</b>  | <b>42.2°</b>  | <b>40.4°</b>  | <b>39.4°</b>  | <b>39.0°</b>  | <b>38.6°</b>  | <b>39.3°</b>  |
| Beat VMG   | <b>4.31</b>   | <b>5.15</b>   | <b>5.56</b>   | <b>5.75</b>   | <b>5.92</b>   | <b>6.03</b>   | <b>6.06</b>   |
| 52°  | <b>6.73</b>   | <b>7.74</b>   | <b>8.10</b>   | <b>8.27</b>   | <b>8.37</b>   | <b>8.56</b>   | <b>8.68</b>   |
| 60°  | <b>7.26</b>   | <b>8.05</b>   | <b>8.40</b>   | <b>8.59</b>   | <b>8.74</b>   | <b>8.94</b>   | <b>9.22</b>   |
| 75°  | <b>7.74</b>   | <b>8.43</b>   | <b>8.84</b>   | <b>9.24</b>   | <b>9.51</b>   | <b>9.69</b>   | <b>10.22</b>  |
| 90°  | <b>7.85</b>   | <b>8.57</b>   | <b>9.23</b>   | <b>9.74</b>   | <b>10.23</b>  | <b>10.59</b>  | <b>11.02</b>  |
| 110°   | <b>7.36</b>   | <b>8.36</b>   | <b>9.03</b>   | <b>9.74</b>   | <b>10.74</b>  | <b>11.48</b>  | <b>12.54</b>  |
| 120°   | <b>7.06</b>   | <b>8.32</b>   | <b>9.16</b>   | <b>9.93</b>   | <b>10.62</b>  | <b>11.58</b>  | <b>13.27</b>  |
| 135°   | <b>6.31</b>   | <b>7.91</b>   | <b>8.71</b>   | <b>9.65</b>   | <b>10.82</b>  | <b>12.00</b>  | <b>13.82</b>  |
| 150°   | <b>5.27</b>   | <b>6.67</b>   | <b>7.80</b>   | <b>8.67</b>   | <b>9.38</b>   | <b>10.41</b>  | <b>13.06</b>  |
| Run VMG  | <b>4.57</b>   | <b>5.78</b>   | <b>6.75</b>   | <b>7.48</b>   | <b>8.13</b>   | <b>9.02</b>   | <b>11.31</b>  |
| Gybe Angles  | <b>141.7°</b> | <b>140.9°</b> | <b>148.2°</b> | <b>152.4°</b> | <b>149.1°</b> | <b>145.6°</b> | <b>144.3°</b> |