



World Leader in Rating Technology

# 2015

## ORC Club Certificate Appendix

<b>BOOT</b>	
Naam <b>Cetus</b>	Certificaat nummer
Zeilnr. <b>NED 8674</b>	Afgifte datum <b>13-10-2015</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1188,0</b>	<b>965,2</b>	<b>839,9</b>	<b>759,1</b>	<b>715,8</b>	<b>696,7</b>	<b>683,3</b>
52°	<b>772,3</b>	<b>639,4</b>	<b>566,5</b>	<b>531,9</b>	<b>513,3</b>	<b>504,2</b>	<b>496,9</b>
60°	<b>725,6</b>	<b>606,1</b>	<b>546,7</b>	<b>519,2</b>	<b>499,8</b>	<b>486,1</b>	<b>475,9</b>
75°	<b>690,8</b>	<b>581,2</b>	<b>529,9</b>	<b>504,4</b>	<b>487,2</b>	<b>465,2</b>	<b>440,0</b>
90°	<b>671,5</b>	<b>562,6</b>	<b>520,2</b>	<b>490,9</b>	<b>468,8</b>	<b>454,4</b>	<b>425,6</b>
110°	<b>688,4</b>	<b>565,6</b>	<b>517,6</b>	<b>488,7</b>	<b>458,5</b>	<b>428,2</b>	<b>388,8</b>
120°	<b>706,9</b>	<b>582,6</b>	<b>531,0</b>	<b>501,8</b>	<b>472,1</b>	<b>442,0</b>	<b>379,2</b>
135°	<b>815,7</b>	<b>656,9</b>	<b>566,7</b>	<b>525,1</b>	<b>498,2</b>	<b>470,5</b>	<b>415,5</b>
150°	<b>972,4</b>	<b>768,6</b>	<b>646,1</b>	<b>569,8</b>	<b>528,9</b>	<b>502,8</b>	<b>451,1</b>
Run VMG	<b>1122,8</b>	<b>887,5</b>	<b>746,8</b>	<b>651,5</b>	<b>589,6</b>	<b>547,1</b>	<b>496,0</b>
<b>Selected Courses</b>							
Windward / Leeward	<b>1155,4</b>	<b>926,4</b>	<b>793,3</b>	<b>705,3</b>	<b>652,7</b>	<b>621,9</b>	<b>589,6</b>
Circular Random	<b>949,8</b>	<b>759,2</b>	<b>654,5</b>	<b>591,5</b>	<b>551,0</b>	<b>523,2</b>	<b>486,5</b>
Ocean for PCS	<b>1012,7</b>	<b>793,0</b>	<b>668,7</b>	<b>591,4</b>	<b>539,8</b>	<b>502,8</b>	<b>450,1</b>
Non Spinnaker	<b>1021,0</b>	<b>808,7</b>	<b>690,9</b>	<b>619,5</b>	<b>573,8</b>	<b>543,0</b>	<b>503,4</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>44,1°</b>	<b>41,6°</b>	<b>40,8°</b>	<b>39,4°</b>	<b>37,5°</b>	<b>36,9°</b>	<b>36,2°</b>
Beat VMG	<b>3,03</b>	<b>3,73</b>	<b>4,29</b>	<b>4,74</b>	<b>5,03</b>	<b>5,17</b>	<b>5,27</b>
52°	<b>4,66</b>	<b>5,63</b>	<b>6,35</b>	<b>6,77</b>	<b>7,01</b>	<b>7,14</b>	<b>7,24</b>
60°	<b>4,96</b>	<b>5,94</b>	<b>6,59</b>	<b>6,93</b>	<b>7,20</b>	<b>7,41</b>	<b>7,56</b>
75°	<b>5,21</b>	<b>6,19</b>	<b>6,79</b>	<b>7,14</b>	<b>7,39</b>	<b>7,74</b>	<b>8,18</b>
90°	<b>5,36</b>	<b>6,40</b>	<b>6,92</b>	<b>7,33</b>	<b>7,68</b>	<b>7,92</b>	<b>8,46</b>
110°	<b>5,23</b>	<b>6,37</b>	<b>6,96</b>	<b>7,37</b>	<b>7,85</b>	<b>8,41</b>	<b>9,26</b>
120°	<b>5,09</b>	<b>6,18</b>	<b>6,78</b>	<b>7,17</b>	<b>7,63</b>	<b>8,15</b>	<b>9,49</b>
135°	<b>4,41</b>	<b>5,48</b>	<b>6,35</b>	<b>6,86</b>	<b>7,23</b>	<b>7,65</b>	<b>8,67</b>
150°	<b>3,70</b>	<b>4,68</b>	<b>5,57</b>	<b>6,32</b>	<b>6,81</b>	<b>7,16</b>	<b>7,98</b>
Run VMG	<b>3,21</b>	<b>4,06</b>	<b>4,82</b>	<b>5,53</b>	<b>6,11</b>	<b>6,58</b>	<b>7,26</b>
Gybe Angles	<b>142,8°</b>	<b>146,4°</b>	<b>153,1°</b>	<b>155,9°</b>	<b>162,9°</b>	<b>172,5°</b>	<b>174,8°</b>