



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

**2020  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
Racing  
Congress**



**Certificate**

Number  
Issued On **30/05/2020**  
ORC Ref **04140000JCE**  
VPP Ver. **2020 1.02**  
Valid until **31/12/2020**

**Crew Weight**

Default 725kg  
Maximum **700kg**  
Minimum\* **525kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Non Spin GPH	<b>648.4</b>	<b>0.9254</b>
Non Spin OSN	<b>627.2</b>	<b>0.9566</b>

**Sails Limitations**

Headsails **5** Spinnakers **4**

**Spinnaker configuration**  
Symmetric: **Yes 92.60**  
Asymmetric: **No**  
Flying H/S: **No**  
Spin. Pole: **Yes**

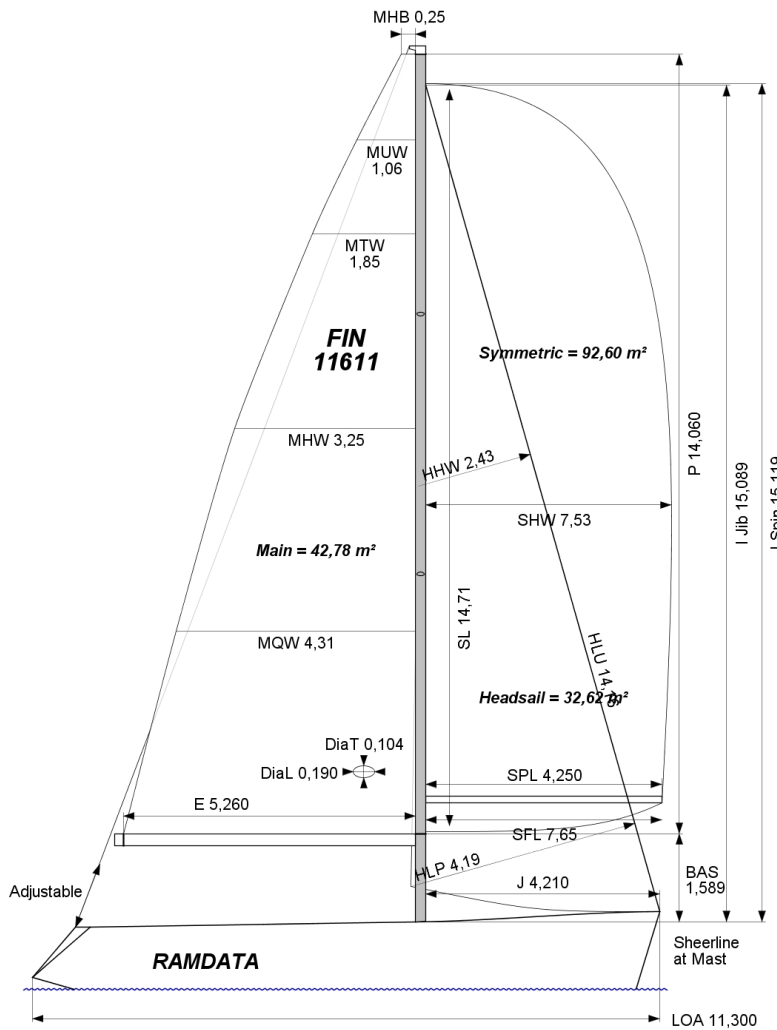
**Class Division Length**

**CDL = 9.753**

**Stability (Measured)**

Limit Positive Stab.: **118.5°**  
Stability Index: **121.2**

**Owner**



BOAT		GPH		HULL		
Name <b>RAMDATA</b> Sail Nr <b>FIN11611</b>		<b>615.4</b>		Data File <b>FIN11611</b>	LOA <b>11.300m</b>	
				Offset File <b>lenconew3.off</b>	MB <b>3.578m</b>	
				Displacement <b>6,319kg</b>	Draft <b>2.332m</b>	
				IMS Division <b>Cruiser/Racer</b>	Dynamic All. <b>0.205%</b>	
				Plan Review	Construction <b>Cored</b>	
				Fiber Rigging <b>No</b>	Aramid Core <b>No</b>	
				Crew Arm Ex	Carbon Rudder <b>No</b>	
					Light Stanchions <b>No</b>	
				IMSL <b>10.356m</b>	VCGD <b>-0.029m</b>	
				RL <b>9.163m</b>	VCGM <b>0.021m</b>	
				WS <b>28.80m²</b>		
				LSMO <b>10.366m</b>	Displacement/Length ratio <b>5.6730</b>	
				Water Ballast <b>0</b>	Trim Tab <b>No</b>	
				BLR Index <b>0.0000</b>		
				<b>CENTERBOARD</b>		
				<b>NA</b>		
<b>CLASS</b>		<b>PROPELLER</b>				
Class <b>Salona 37</b>		Installation <b>Strut</b>		PRD <b>0.409</b>		
Designer <b>J &amp; J</b>		Type <b>Folding 2 blades</b>		PBW <b>0.102</b>		
Builder <b>AD Boats</b>				PIPA <b>0.0034</b>		
Series <b>10/2005</b>						
Age Date <b>01/2009</b>						
Age Allowance <b>0.487%</b>						
<b>COMMENTS</b>						
<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>596.3</b>			<b>663.6</b>		
Time on Time	<b>1.0062</b>			<b>1.0171</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>710.9</b>	<b>543.5</b>	<b>482.3</b>	<b>917.5</b>	<b>667.8</b>	<b>574.1</b>
Time on Time	<b>0.9495</b>	<b>1.2420</b>	<b>1.3995</b>	<b>0.7357</b>	<b>1.0108</b>	<b>1.1758</b>

# 2020

## ORC Club Certificate Appendix

<b>BOAT</b>	
Name	<b>RAMDATA</b>
Sail Nr	<b>FIN11611</b>
Certificate Number	
Issued On	<b>30/05/2020</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1040.3</b>	<b>858.2</b>	<b>752.9</b>	<b>697.6</b>	<b>678.3</b>	<b>670.3</b>	<b>655.8</b>
52°	<b>683.2</b>	<b>575.2</b>	<b>517.1</b>	<b>493.2</b>	<b>484.0</b>	<b>480.1</b>	<b>475.2</b>
60°	<b>646.8</b>	<b>548.9</b>	<b>502.4</b>	<b>482.0</b>	<b>471.7</b>	<b>467.2</b>	<b>463.9</b>
75°	<b>619.8</b>	<b>530.2</b>	<b>492.0</b>	<b>472.3</b>	<b>458.4</b>	<b>448.0</b>	<b>439.3</b>
90°	<b>629.0</b>	<b>529.6</b>	<b>485.3</b>	<b>468.5</b>	<b>454.5</b>	<b>438.9</b>	<b>415.1</b>
110°	<b>631.6</b>	<b>522.1</b>	<b>478.7</b>	<b>454.5</b>	<b>433.4</b>	<b>419.8</b>	<b>400.1</b>
120°	<b>651.2</b>	<b>534.5</b>	<b>484.4</b>	<b>458.4</b>	<b>434.6</b>	<b>412.2</b>	<b>382.4</b>
135°	<b>721.9</b>	<b>585.3</b>	<b>510.0</b>	<b>475.9</b>	<b>452.5</b>	<b>428.8</b>	<b>383.4</b>
150°	<b>856.1</b>	<b>677.8</b>	<b>573.0</b>	<b>508.7</b>	<b>477.0</b>	<b>455.0</b>	<b>411.4</b>
Run VMG	<b>988.5</b>	<b>782.7</b>	<b>661.2</b>	<b>581.2</b>	<b>526.6</b>	<b>488.4</b>	<b>444.2</b>
<b>Selected Courses</b>							
Windward / Leeward	<b>1014.4</b>	<b>820.4</b>	<b>707.0</b>	<b>639.4</b>	<b>602.4</b>	<b>579.4</b>	<b>550.0</b>
Circular Random	<b>851.9</b>	<b>685.9</b>	<b>596.7</b>	<b>544.8</b>	<b>512.8</b>	<b>491.8</b>	<b>464.5</b>
Coastal / Long Distance	<b>1011.8</b>	<b>770.9</b>	<b>637.7</b>	<b>560.7</b>	<b>522.4</b>	<b>492.9</b>	<b>445.7</b>
Non Spinnaker	<b>912.0</b>	<b>728.2</b>	<b>627.8</b>	<b>568.6</b>	<b>531.8</b>	<b>507.7</b>	<b>476.7</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>42.8°</b>	<b>40.5°</b>	<b>39.8°</b>	<b>38.6°</b>	<b>37.9°</b>	<b>37.5°</b>	<b>37.5°</b>
Beat VMG	<b>3.46</b>	<b>4.19</b>	<b>4.78</b>	<b>5.16</b>	<b>5.31</b>	<b>5.37</b>	<b>5.49</b>
52°	<b>5.27</b>	<b>6.26</b>	<b>6.96</b>	<b>7.30</b>	<b>7.44</b>	<b>7.50</b>	<b>7.58</b>
60°	<b>5.57</b>	<b>6.56</b>	<b>7.17</b>	<b>7.47</b>	<b>7.63</b>	<b>7.71</b>	<b>7.76</b>
75°	<b>5.81</b>	<b>6.79</b>	<b>7.32</b>	<b>7.62</b>	<b>7.85</b>	<b>8.04</b>	<b>8.19</b>
90°	<b>5.72</b>	<b>6.80</b>	<b>7.42</b>	<b>7.68</b>	<b>7.92</b>	<b>8.20</b>	<b>8.67</b>
110°	<b>5.70</b>	<b>6.90</b>	<b>7.52</b>	<b>7.92</b>	<b>8.31</b>	<b>8.58</b>	<b>9.00</b>
120°	<b>5.53</b>	<b>6.74</b>	<b>7.43</b>	<b>7.85</b>	<b>8.28</b>	<b>8.73</b>	<b>9.41</b>
135°	<b>4.99</b>	<b>6.15</b>	<b>7.06</b>	<b>7.56</b>	<b>7.96</b>	<b>8.40</b>	<b>9.39</b>
150°	<b>4.21</b>	<b>5.31</b>	<b>6.28</b>	<b>7.08</b>	<b>7.55</b>	<b>7.91</b>	<b>8.75</b>
Run VMG	<b>3.64</b>	<b>4.60</b>	<b>5.44</b>	<b>6.19</b>	<b>6.84</b>	<b>7.37</b>	<b>8.10</b>
Gybe Angles	<b>145.0°</b>	<b>149.0°</b>	<b>151.0°</b>	<b>156.0°</b>	<b>172.0°</b>	<b>180.0°</b>	<b>180.0°</b>