



World Leader in Rating Technology

## 2014 ORC Club Certificate

**Rating Office**  
jeanlouisconti  
@  
gmail.com



### Certificate

Number **14046a**  
Issued On **18/03/2014**  
ORC Ref **FRA00008718**  
VPP Ver. **2014 1.00**  
Valid until **28/02/2015**

### Crew Weight

Declared **400 kg**  
Default\* **657 kg**  
Non Manual Pwr **No**

### Special Scoring

	ToD	ToT
Double H.GPH	<b>622.4</b>	<b>0.9639</b>
Double H.OSN	<b>610.9</b>	<b>0.9821</b>
Non Spin GPH	<b>659.2</b>	<b>0.9102</b>
Non Spin OSN	<b>638.5</b>	<b>0.9397</b>
N/S Perf. Line	<b>62.7</b>	<b>0.740</b>

### Sails Limitations

Genoas **0** Spinnakers **3**  
Jibs **4**

### Spinnaker configuration

Symmetric: **No**  
Asymmetric: **Yes** **77.45**  
Flying H/S: **Yes** **42.94**  
Spin. Pole: **Yes**

### Stability

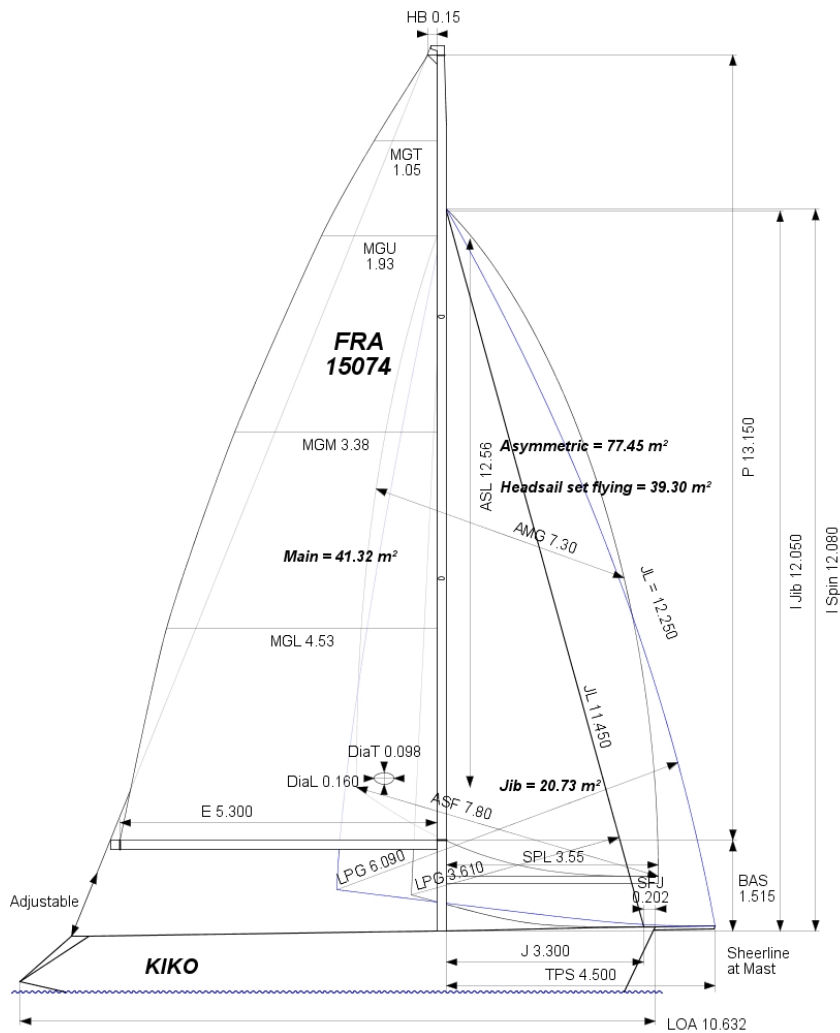
LPS (Estimated): **107.3°**  
Stability Index: **102.9**  
OSR Category: **N/A**

### Owner

ALEGOET Lionel  
Marina du Chateau,  
29200 - BREST

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

Signature



BOAT		GPH		HULL																															
Name <b>KIKO</b> Sail Nr <b>FRA-15074</b>		<b>617.9</b>		Data File <b>F15074.dxt</b>	LOA <b>10.632 m</b>																														
				Offset File <b>F003b.OFF</b>	MB <b>3.494 m</b>																														
				Displacement <b>3,850 kg</b>	Draft <b>1.984 m</b>																														
CLASS		IMS Division <b>Performance</b>		Dynamic All. <b>0.081%</b>																															
Class <b>JOD 35</b>		Fwd Accom. <b>No</b>		Construction <b>Solid</b>																															
Designer <b>ANDRIEU Daniel</b>		Fiber Rigging <b>No</b>		Aramid Core <b>No</b>																															
Builder <b>JEANNEAU SA</b>		Crew Arm Ex		Carbon Rudder <b>No</b>																															
Series <b>06/1991</b>				Light Stanchions <b>No</b>																															
Age Date <b>02/1992</b>		IMS L <b>9.719</b>		Wetted Area <b>22.49 m²</b>																															
Age Allowance <b>0.488%</b>		VCGM <b>0.124</b>																																	
COMMENTS		CENTERBOARD																																	
From JOD 35.dxt		N/A																																	
PROPELLER		SCORING OPTIONS																																	
Installation <b>Shaft exposed</b>		PRD <b>0.400</b>		OFFSHORE																															
Type <b>Folding</b>		PBW <b>0.095</b>		COASTAL / LONG DISTANCE																															
		PIPA <b>0.0039</b>		Time On Distance <b>605.1</b>																															
				Time On Time <b>0.9915</b>																															
				Performance Line																															
				<table border="1"> <thead> <tr> <th></th> <th>PLT</th> <th>PLD</th> <th>PLT</th> <th>PLD</th> </tr> </thead> <tbody> <tr> <td></td> <td><b>0.844</b></td> <td><b>98.0</b></td> <td><b>0.824</b></td> <td><b>193.6</b></td> </tr> <tr> <td></td> <td><b>Low</b></td> <td><b>Medium</b></td> <td><b>Low</b></td> <td><b>Medium</b></td> </tr> <tr> <td></td> <td><b>0.9561</b></td> <td><b>1.2296</b></td> <td><b>0.7199</b></td> <td><b>0.9809</b></td> </tr> <tr> <td></td> <td></td> <td><b>High</b></td> <td></td> <td><b>High</b></td> </tr> <tr> <td></td> <td></td> <td><b>1.3925</b></td> <td></td> <td><b>1.1461</b></td> </tr> </tbody> </table>			PLT	PLD	PLT	PLD		<b>0.844</b>	<b>98.0</b>	<b>0.824</b>	<b>193.6</b>		<b>Low</b>	<b>Medium</b>	<b>Low</b>	<b>Medium</b>		<b>0.9561</b>	<b>1.2296</b>	<b>0.7199</b>	<b>0.9809</b>			<b>High</b>		<b>High</b>			<b>1.3925</b>		<b>1.1461</b>
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				Triple Number																															



World Leader in Rating Technology

# 2014

## ORC Club Certificate Appendix

### BOAT

Name **KIKO** Certificate Number **14046a**  
 Sail Nr **FRA-15074** Issued On **18/03/2014**

### TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1039.3</b>	<b>863.2</b>	<b>777.5</b>	<b>730.3</b>	<b>707.2</b>	<b>693.7</b>	<b>697.0</b>
52°	<b>662.2</b>	<b>556.6</b>	<b>517.5</b>	<b>501.5</b>	<b>493.1</b>	<b>488.5</b>	<b>483.9</b>
60°	<b>610.9</b>	<b>523.2</b>	<b>496.6</b>	<b>484.0</b>	<b>475.4</b>	<b>470.2</b>	<b>463.8</b>
75°	<b>563.0</b>	<b>499.4</b>	<b>474.9</b>	<b>459.5</b>	<b>448.9</b>	<b>440.8</b>	<b>430.4</b>
90°	<b>555.2</b>	<b>498.1</b>	<b>472.2</b>	<b>448.5</b>	<b>428.8</b>	<b>416.4</b>	<b>401.2</b>
110°	<b>608.4</b>	<b>514.4</b>	<b>475.4</b>	<b>442.5</b>	<b>418.0</b>	<b>400.1</b>	<b>374.8</b>
120°	<b>636.7</b>	<b>525.3</b>	<b>486.5</b>	<b>458.9</b>	<b>428.2</b>	<b>398.7</b>	<b>358.4</b>
135°	<b>734.9</b>	<b>599.1</b>	<b>518.3</b>	<b>484.2</b>	<b>456.1</b>	<b>426.6</b>	<b>367.8</b>
150°	<b>892.9</b>	<b>707.6</b>	<b>595.7</b>	<b>518.6</b>	<b>485.4</b>	<b>458.6</b>	<b>403.2</b>
Run VMG	<b>1031.0</b>	<b>817.1</b>	<b>687.8</b>	<b>588.3</b>	<b>526.2</b>	<b>490.7</b>	<b>437.4</b>

### Selected Courses

Windward / Leeward	<b>1035.2</b>	<b>840.1</b>	<b>732.7</b>	<b>659.3</b>	<b>616.7</b>	<b>592.2</b>	<b>567.2</b>
Circular Random	<b>849.1</b>	<b>687.1</b>	<b>600.0</b>	<b>548.7</b>	<b>516.4</b>	<b>494.7</b>	<b>466.7</b>
Ocean for PCS	<b>910.1</b>	<b>720.1</b>	<b>613.8</b>	<b>547.9</b>	<b>503.7</b>	<b>471.4</b>	<b>424.3</b>
Non Spinnaker	<b>929.0</b>	<b>741.0</b>	<b>638.3</b>	<b>577.4</b>	<b>539.2</b>	<b>514.0</b>	<b>483.3</b>

### 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	<b>45.4°</b>	<b>44.3°</b>	<b>41.7°</b>	<b>40.1°</b>	<b>39.0°</b>	<b>38.4°</b>	<b>40.3°</b>
Beat VMG	<b>3.46</b>	<b>4.17</b>	<b>4.63</b>	<b>4.93</b>	<b>5.09</b>	<b>5.19</b>	<b>5.17</b>
52°	<b>5.44</b>	<b>6.47</b>	<b>6.96</b>	<b>7.18</b>	<b>7.30</b>	<b>7.37</b>	<b>7.44</b>
60°	<b>5.89</b>	<b>6.88</b>	<b>7.25</b>	<b>7.44</b>	<b>7.57</b>	<b>7.66</b>	<b>7.76</b>
75°	<b>6.39</b>	<b>7.21</b>	<b>7.58</b>	<b>7.83</b>	<b>8.02</b>	<b>8.17</b>	<b>8.36</b>
90°	<b>6.48</b>	<b>7.23</b>	<b>7.62</b>	<b>8.03</b>	<b>8.40</b>	<b>8.64</b>	<b>8.97</b>
110°	<b>5.92</b>	<b>7.00</b>	<b>7.57</b>	<b>8.14</b>	<b>8.61</b>	<b>9.00</b>	<b>9.61</b>
120°	<b>5.65</b>	<b>6.85</b>	<b>7.40</b>	<b>7.85</b>	<b>8.41</b>	<b>9.03</b>	<b>10.04</b>
135°	<b>4.90</b>	<b>6.01</b>	<b>6.95</b>	<b>7.44</b>	<b>7.89</b>	<b>8.44</b>	<b>9.79</b>
150°	<b>4.03</b>	<b>5.09</b>	<b>6.04</b>	<b>6.94</b>	<b>7.42</b>	<b>7.85</b>	<b>8.93</b>
Run VMG	<b>3.49</b>	<b>4.41</b>	<b>5.23</b>	<b>6.12</b>	<b>6.84</b>	<b>7.34</b>	<b>8.23</b>
Gybe Angles	<b>142.3°</b>	<b>145.0°</b>	<b>145.9°</b>	<b>157.9°</b>	<b>175.4°</b>	<b>178.7°</b>	<b>178.1°</b>