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**2020**  
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**Double Handed**

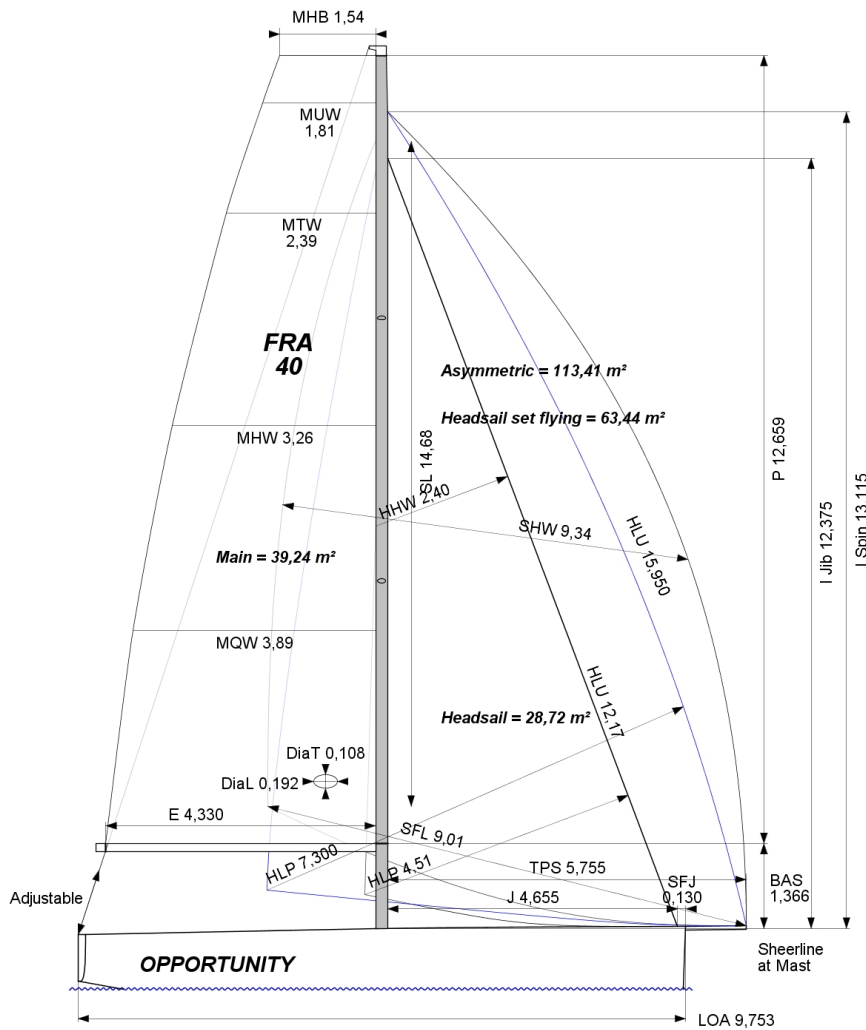
**Rating Office**

**Offshore**  
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**Congress**

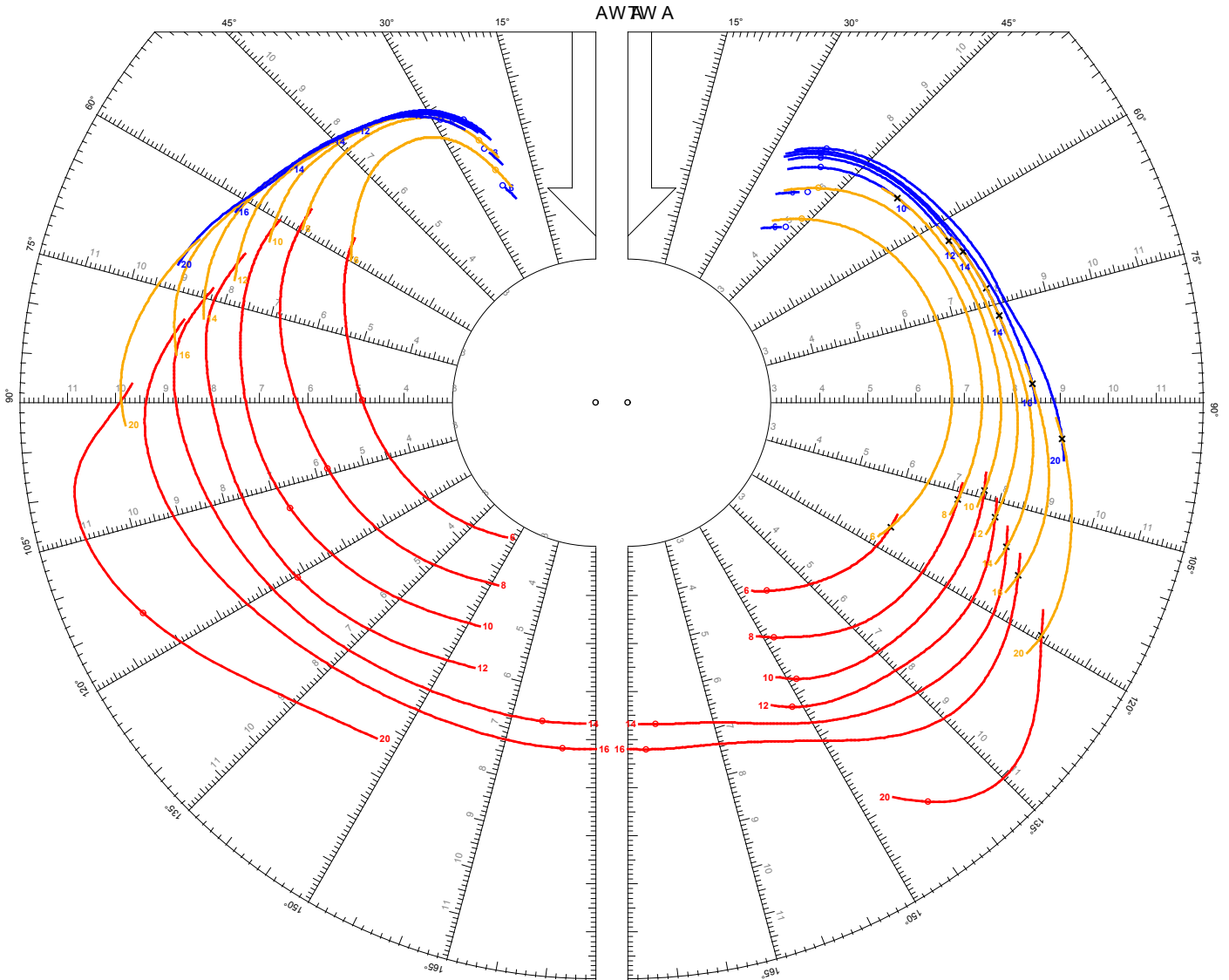


**Certificate**

Number **US6468**  
Issued On **26/08/2020**  
ORC Ref **03410000P2D**  
VPP Ver. **2020 1.02**  
Valid until **31/12/2020**



<b>BOAT</b> Name <b>OPPORTUNITY</b> Sail Nr <b>FRA 40</b>		<b>GPH</b> <b>588.8</b>	<b>HULL</b> Data File <b>US6468 DH</b> LOA <b>9.753m</b> Offset File <b>FIGARO3a.off</b> MB <b>3.452m</b> Displacement <b>3,689kg</b> Draft <b>2.523m</b>		<b>Crew Weight</b> Default <b>170kg</b> Maximum <b>180kg</b> Non Manual Pwr <b>No</b>	
<b>CLASS</b> Class <b>Figaro 3</b> Designer <b>VPLP</b> Builder <b>Beneteau</b> Series <b>09/2017</b> Age Date <b>09/2018</b> Age Allowance <b>0.098%</b>			<b>Performance</b> IMS Division <b>Performance</b> Dynamic All. <b>0.000%</b> Fiber Rigging <b>No</b> Construction <b>Cored</b> Crew Arm Ex Aramid Core <b>No</b> Carbon Rudder <b>Yes</b> Light Stanchions <b>No</b>		<b>Sails Limitations</b> Headsails <b>5</b> Spinnakers <b>4</b> <b>Asymmetric on centerline</b> <b>Spinnaker configuration</b> Symmetric: <b>No</b> Asymmetric: <b>Yes 113.41</b> Flying H/S: <b>Yes 63.44</b> Spin. Pole: <b>No</b>	
<b>COMMENTS</b>			<b>Dynamic Stability System</b> Water Ballast <b>0</b> Trim Tab <b>No</b> BLR Index <b>0.0000</b>		<b>Stability (Measured)</b> Limit Positive Stab.: <b>115.1°</b> Stability Index: <b>110.3</b>	
<b>PROPELLER</b> Type <b>No Propeller</b>			<b>DYNAMIC STABILITY SYSTEM</b> Wing Span <b>2.300</b> Maximum Thickness <b>0.050</b> Wing Angle <b>75.0</b> Root Chord Distance <b>1.800</b> Chord Length <b>0.450</b>		<b>Owner</b>	
<b>SCORING OPTIONS</b>						
	Time on Distance	Time on Time				
Coastal or Long Distance	<b>578.5</b>	<b>1.0373</b>				
Circular Random	<b>588.8</b>	<b>1.0190</b>				
Predominantly Upwind	<b>576.2</b>	<b>1.0413</b>				
Predominantly Downwind	<b>535.1</b>	<b>1.1213</b>				



Polar Plot for Boat	
Name	<b>OPPORTUNITY</b>
Sail Number	<b>FRA 40</b>
Class	<b>Figaro 3</b>
Designer	<b>VPLP</b>
Builder	<b>Beneteau</b>
Issued On	<b>26/08/2020 - VPP 2020 1.02</b>

<b>BOAT</b>			
Name	<b>OPPORTUNITY</b>	Certificate Number	<b>US6468</b>
Sail Nr	<b>FRA 40</b>	Issued On	<b>26/08/2020</b>

<b>TIME ALLOWANCES</b>								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	
Beat VMG	<b>942.2</b>	<b>807.1</b>	<b>736.0</b>	<b>706.3</b>	<b>695.4</b>	<b>688.2</b>	<b>673.0</b>	
52°	<b>612.1</b>	<b>537.7</b>	<b>513.0</b>	<b>498.1</b>	<b>487.5</b>	<b>482.3</b>	<b>476.2</b>	
60°	<b>573.6</b>	<b>514.7</b>	<b>494.3</b>	<b>480.7</b>	<b>470.7</b>	<b>463.7</b>	<b>458.0</b>	
75°	<b>540.9</b>	<b>494.1</b>	<b>471.3</b>	<b>453.0</b>	<b>440.4</b>	<b>431.1</b>	<b>417.1</b>	
90°	<b>534.2</b>	<b>488.6</b>	<b>463.8</b>	<b>435.9</b>	<b>414.8</b>	<b>401.3</b>	<b>380.9</b>	
110°	<b>574.1</b>	<b>503.9</b>	<b>468.2</b>	<b>433.4</b>	<b>411.1</b>	<b>391.8</b>	<b>344.8</b>	
120°	<b>603.9</b>	<b>510.2</b>	<b>471.5</b>	<b>436.4</b>	<b>398.6</b>	<b>373.7</b>	<b>336.3</b>	
135°	<b>675.1</b>	<b>546.3</b>	<b>491.1</b>	<b>457.8</b>	<b>423.0</b>	<b>388.0</b>	<b>316.8</b>	
150°	<b>798.1</b>	<b>640.4</b>	<b>543.9</b>	<b>494.7</b>	<b>469.6</b>	<b>444.2</b>	<b>376.2</b>	
Run VMG	<b>921.6</b>	<b>739.5</b>	<b>628.1</b>	<b>570.1</b>	<b>539.2</b>	<b>500.2</b>	<b>434.4</b>	
<b>Selected Courses</b>								
Windward / Leeward	<b>931.9</b>	<b>773.3</b>	<b>682.0</b>	<b>638.2</b>	<b>617.3</b>	<b>594.2</b>	<b>553.7</b>	
Circular Random	<b>791.5</b>	<b>648.5</b>	<b>573.1</b>	<b>529.1</b>	<b>500.4</b>	<b>479.1</b>	<b>444.3</b>	
Coastal / Long Distance	<b>930.9</b>	<b>726.3</b>	<b>616.1</b>	<b>552.8</b>	<b>515.7</b>	<b>482.0</b>	<b>423.1</b>	
Non Spinnaker	<b>879.6</b>	<b>707.8</b>	<b>614.8</b>	<b>559.9</b>	<b>525.0</b>	<b>500.5</b>	<b>465.4</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>43.5°</b>	<b>41.6°</b>	<b>39.4°</b>	<b>38.3°</b>	<b>37.9°</b>	<b>39.8°</b>	<b>39.0°</b>	
Beat VMG	<b>3.82</b>	<b>4.46</b>	<b>4.89</b>	<b>5.10</b>	<b>5.18</b>	<b>5.23</b>	<b>5.35</b>	
52°	<b>5.88</b>	<b>6.69</b>	<b>7.02</b>	<b>7.23</b>	<b>7.39</b>	<b>7.46</b>	<b>7.56</b>	
60°	<b>6.28</b>	<b>6.99</b>	<b>7.28</b>	<b>7.49</b>	<b>7.65</b>	<b>7.76</b>	<b>7.86</b>	
75°	<b>6.66</b>	<b>7.29</b>	<b>7.64</b>	<b>7.95</b>	<b>8.17</b>	<b>8.35</b>	<b>8.63</b>	
90°	<b>6.74</b>	<b>7.37</b>	<b>7.76</b>	<b>8.26</b>	<b>8.68</b>	<b>8.97</b>	<b>9.45</b>	
110°	<b>6.27</b>	<b>7.14</b>	<b>7.69</b>	<b>8.31</b>	<b>8.76</b>	<b>9.19</b>	<b>10.44</b>	
120°	<b>5.96</b>	<b>7.06</b>	<b>7.63</b>	<b>8.25</b>	<b>9.03</b>	<b>9.63</b>	<b>10.71</b>	
135°	<b>5.33</b>	<b>6.59</b>	<b>7.33</b>	<b>7.86</b>	<b>8.51</b>	<b>9.28</b>	<b>11.37</b>	
150°	<b>4.51</b>	<b>5.62</b>	<b>6.62</b>	<b>7.28</b>	<b>7.67</b>	<b>8.10</b>	<b>9.57</b>	
Run VMG	<b>3.91</b>	<b>4.87</b>	<b>5.73</b>	<b>6.31</b>	<b>6.68</b>	<b>7.20</b>	<b>8.29</b>	
Gybe Angles	<b>143.5°</b>	<b>148.0°</b>	<b>148.5°</b>	<b>151.5°</b>	<b>175.0°</b>	<b>177.0°</b>	<b>143.0°</b>	