



**2020**  
**ORC Club**  
**Certificate**

**Rating Office**

**Offshore**  
**Racing**  
**Congress**



**Certificate**

Number **US6739**  
Issued On **30/10/2020**  
ORC Ref **03410000SJ1**  
VPP Ver. **2020 1.02**  
Valid until **31/12/2020**

**Crew Weight**

Default 625kg  
Maximum **625kg**  
Minimum\* **469kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

ToD ToT  
Non Spin GPH **631.9 0.9495**  
Non Spin OSN **617.0 0.9725**

**Sails Limitations**

Headsails **5** Spinnakers **0**  
**Woven Polyester**

**Spinnaker configuration**

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

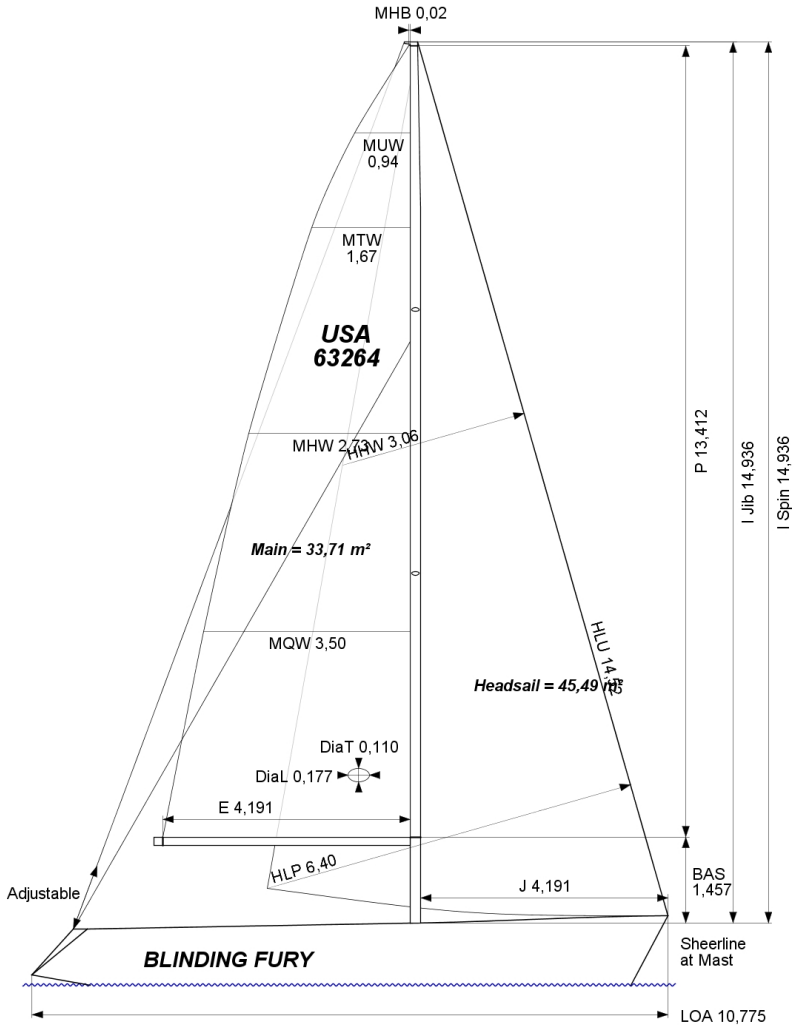
**Class Division Length**

**CDL = 9.329**

**Stability (Estimated)**

Limit Positive Stab.: **115.9°**  
Stability Index: **111.3**

**Owner**



<b>BOAT</b>
Name <b>BLINDING FURY</b>
Sail Nr <b>USA-63264</b>

<b>GPH</b>
<b>631.9</b>

<b>HULL</b>
Data File <b>US6739</b> LOA <b>10.775m</b>
Offset File <b>US18732.OFF</b> MB <b>3.633m</b>
Displacement <b>4,169kg</b> Draft <b>2.094m</b>

<b>CLASS</b>
Class <b>SCHOCK 35</b>
Designer <b>SCHOCK</b>
Builder <b>SCHOCK</b>
Series <b>05/1985</b>
Age Date <b>01/1989</b>
Age Allowance <b>0.487%</b>

IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>0.091%</b>
Plan Review Construction <b>Cored</b>
Fiber Rigging <b>No</b> Aramid Core <b>No</b>
Crew Arm Ex <b>0.00</b> Carbon Rudder <b>No</b>
Light Stanchions <b>No</b>

IMSL <b>9.413m</b> VCGD <b>-0.056m</b> Sink <b>16.93kg/mm</b>
RL <b>9.248m</b> VCGM <b>-0.042m</b> WS <b>23.03m²</b>
LSM0 <b>9.343m</b> Displacement/Length ratio <b>5.1118</b>

<b>COMMENTS</b>
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Water Ballast <b>0</b> Trim Tab <b>No</b>
BLR Index <b>0.0000</b>

<b>PROPELLER</b>
Installation <b>Shaft exposed</b> PRD <b>0.397</b>
Type <b>Folding 2 blades</b> PBW <b>0.098</b>
PIPA <b>0.0027</b>

<b>CENTERBOARD</b>
<b>N/A</b>

<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
	Low	Medium	High	Low	Medium	High
Time on Distance	<b>617.0</b>			<b>686.7</b>		
Time on Time	<b>0.9725</b>			<b>0.9830</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>722.6</b>	<b>560.3</b>	<b>499.0</b>	<b>947.0</b>	<b>690.1</b>	<b>595.2</b>
Time on Time	<b>0.9341</b>	<b>1.2048</b>	<b>1.3527</b>	<b>0.7128</b>	<b>0.9781</b>	<b>1.1341</b>

# 2020

## ORC Club Certificate Appendix

<b>BOAT</b>			
Name	<b>BLINDING FURY</b>	Certificate Number	<b>US6739</b>
Sail Nr	<b>USA-63264</b>	Issued On	<b>30/10/2020</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>955.9</b>	<b>793.4</b>	<b>719.3</b>	<b>694.4</b>	<b>683.3</b>	<b>679.5</b>	<b>672.7</b>
52°	<b>631.8</b>	<b>540.3</b>	<b>509.8</b>	<b>499.6</b>	<b>494.5</b>	<b>491.7</b>	<b>488.4</b>
60°	<b>599.5</b>	<b>524.9</b>	<b>498.8</b>	<b>486.7</b>	<b>480.6</b>	<b>477.0</b>	<b>474.2</b>
75°	<b>575.8</b>	<b>514.9</b>	<b>489.1</b>	<b>470.6</b>	<b>458.1</b>	<b>451.3</b>	<b>445.5</b>
90°	<b>582.8</b>	<b>515.5</b>	<b>488.0</b>	<b>466.0</b>	<b>446.2</b>	<b>431.4</b>	<b>416.7</b>
110°	<b>651.9</b>	<b>553.4</b>	<b>503.5</b>	<b>477.9</b>	<b>453.5</b>	<b>430.4</b>	<b>395.4</b>
120°	<b>705.2</b>	<b>580.7</b>	<b>519.3</b>	<b>489.7</b>	<b>464.9</b>	<b>439.9</b>	<b>394.6</b>
135°	<b>824.9</b>	<b>660.6</b>	<b>565.7</b>	<b>515.6</b>	<b>488.9</b>	<b>465.8</b>	<b>419.4</b>
150°	<b>990.1</b>	<b>775.5</b>	<b>648.9</b>	<b>566.7</b>	<b>518.7</b>	<b>491.9</b>	<b>446.6</b>
Run VMG	<b>1143.3</b>	<b>895.2</b>	<b>736.1</b>	<b>634.0</b>	<b>563.1</b>	<b>520.1</b>	<b>471.0</b>
<b>Selected Courses</b>							
Windward / Leeward	<b>1049.6</b>	<b>844.3</b>	<b>727.7</b>	<b>664.2</b>	<b>623.2</b>	<b>599.8</b>	<b>571.9</b>
Circular Random	<b>868.4</b>	<b>702.1</b>	<b>613.2</b>	<b>561.6</b>	<b>529.8</b>	<b>508.7</b>	<b>480.9</b>
Coastal / Long Distance	<b>1059.0</b>	<b>795.3</b>	<b>657.5</b>	<b>581.5</b>	<b>540.2</b>	<b>509.8</b>	<b>459.6</b>
Non Spinnaker	<b>868.4</b>	<b>702.1</b>	<b>613.2</b>	<b>561.6</b>	<b>529.8</b>	<b>508.7</b>	<b>480.9</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>42.0°</b>	<b>40.9°</b>	<b>38.6°</b>	<b>37.3°</b>	<b>37.1°</b>	<b>37.1°</b>	<b>37.1°</b>
Beat VMG	<b>3.77</b>	<b>4.54</b>	<b>5.00</b>	<b>5.18</b>	<b>5.27</b>	<b>5.30</b>	<b>5.35</b>
52°	<b>5.70</b>	<b>6.66</b>	<b>7.06</b>	<b>7.21</b>	<b>7.28</b>	<b>7.32</b>	<b>7.37</b>
60°	<b>6.01</b>	<b>6.86</b>	<b>7.22</b>	<b>7.40</b>	<b>7.49</b>	<b>7.55</b>	<b>7.59</b>
75°	<b>6.25</b>	<b>6.99</b>	<b>7.36</b>	<b>7.65</b>	<b>7.86</b>	<b>7.98</b>	<b>8.08</b>
90°	<b>6.18</b>	<b>6.98</b>	<b>7.38</b>	<b>7.72</b>	<b>8.07</b>	<b>8.34</b>	<b>8.64</b>
110°	<b>5.52</b>	<b>6.51</b>	<b>7.15</b>	<b>7.53</b>	<b>7.94</b>	<b>8.36</b>	<b>9.10</b>
120°	<b>5.11</b>	<b>6.20</b>	<b>6.93</b>	<b>7.35</b>	<b>7.74</b>	<b>8.18</b>	<b>9.12</b>
135°	<b>4.36</b>	<b>5.45</b>	<b>6.36</b>	<b>6.98</b>	<b>7.36</b>	<b>7.73</b>	<b>8.58</b>
150°	<b>3.64</b>	<b>4.64</b>	<b>5.55</b>	<b>6.35</b>	<b>6.94</b>	<b>7.32</b>	<b>8.06</b>
Run VMG	<b>3.15</b>	<b>4.02</b>	<b>4.89</b>	<b>5.68</b>	<b>6.39</b>	<b>6.92</b>	<b>7.64</b>
Gybe Angles	<b>142.0°</b>	<b>151.0°</b>	<b>168.0°</b>	<b>169.0°</b>	<b>170.5°</b>	<b>173.0°</b>	<b>174.0°</b>