

|                    |                          |                |                        |
|--------------------|--------------------------|----------------|------------------------|
| Yacht              | <b>Jack</b>              | Rig            | <b>Bermudian Sloop</b> |
| Sail number        | <b>SV005</b>             | Design         | <b>Elan 434</b>        |
| TCC                | <b>1.008</b>             | Series / built | <b>2005 / 2008</b>     |
| No spinnaker fleet | 0.919                    | Club(s)        | <b>Silavetra</b>       |
| Owner(s)           | <b>Vladimir Zamskiy</b>  |                |                        |
|                    | <i>Mixed fleet 1.001</i> |                |                        |

### Performance indicators

|                      |                              |                            |                             |
|----------------------|------------------------------|----------------------------|-----------------------------|
| Mainsail area        | <b>46.49</b> m <sup>2</sup>  | Sailing weight             | <b>12409</b> kg             |
| Mizzen area          | <b>0.00</b> m <sup>2</sup>   | Displacement / length      | <b>219</b> (Sailing weight) |
| Upwind headsail area | <b>48.68</b> m <sup>2</sup>  | Sail area / wetted surface | <b>2.50</b> (main + genoa)  |
| D/wind headsail area | <b>130.94</b> m <sup>2</sup> | Sail area / displacement   | <b>18.03</b> (main + genoa) |

| Hull                 | source          | Rig                      | source                 |
|----------------------|-----------------|--------------------------|------------------------|
| Hull Length          | <b>13.00</b> m  | Spar material            | <b>Aluminium alloy</b> |
| Bow overhang         | <b>0.47</b> m   | Forestay length          | <b>16.94</b> m         |
| Stern overhang       | <b>1.09</b> m   | Foretriangle base        | <b>5.37</b> m          |
| Waterline length     | <b>11.45</b> m  |                          |                        |
| Stern height         | <b>0.31</b> m   | <b>Main sail</b>         |                        |
| Beam                 | <b>4.18</b> m   | Hoist                    | <b>14.80</b> m         |
| Topside overhang     | <b>0.35</b> m   | Foot                     | <b>5.37</b> m          |
| Freeboard            | <b>1.20</b> m   | 1/2 width                | <b>3.44</b> m          |
| Draught              | <b>1.90</b> m   | 3/4 width                | <b>1.98</b> m          |
| Empty weight         | <b>10900</b> kg | 7/8 width                | <b>1.10</b> m          |
| Fixed ballast weight | <b>3280</b> kg  | Construction             | <b>Woven</b>           |
| Moveable ballast     | <b>None</b>     | Reefing                  | <b>Slab</b>            |
|                      |                 | <b>Upwind headsail</b>   |                        |
|                      |                 | Luff length              | <b>16.50</b> m         |
|                      |                 | Luff perpendicular       | <b>5.90</b> m          |
|                      |                 | 1/2 width                | <b>2.95</b> m          |
|                      |                 | 3/4 width                | <b>1.48</b> m          |
|                      |                 | Foot height              | <b>0.40</b> m          |
|                      |                 | Construction             | <b>Woven</b>           |
|                      |                 | Reefing                  | <b>Roller</b>          |
|                      |                 | <b>Downwind headsail</b> |                        |
|                      |                 | Tack type                | <b>Deck</b>            |
|                      |                 | Pole / tack length       | <b>5.50</b> m          |
|                      |                 | * Luff length            | <b>16.50</b> m         |
|                      |                 | * Leech length           | <b>17.50</b> m         |
|                      |                 | * 1/2 width              | <b>9.10</b> m          |
|                      |                 | * Foot width             | <b>10.00</b> m         |
|                      |                 | * OR ... Area            | m <sup>2</sup>         |

### Appendages & propeller

|                    |                 |   |
|--------------------|-----------------|---|
| Keel type          | <b>H2H5R2N1</b> |   |
| Keel depth         | <b>1.27</b> m   | E |
| Keel chord         | <b>1.90</b> m   | E |
| Rudder type        | <b>Spade</b>    |   |
| Rudder depth       | <b>1.30</b> m   | E |
| Rudder chord       | <b>0.45</b> m   | E |
| Propeller type     | <b>Folding</b>  |   |
| Propeller blades   | <b>3</b>        |   |
| Propeller diameter | <b>0.44</b> m   | E |

### Mizzen

|                      |   |
|----------------------|---|
| Mizzen hoist         | m |
| Mizzen foot          | m |
| Staysail luff length | m |
| Staysail luff perp   | m |

**Measurement source:** A=Authenticated; O=Owner measured; S=Sister vessel; P=Published; C=Calculated  
**System data source:** D=Database derived; E=Estimated **TCC calculated** on 09/10/2017 at 10:11:12

**IMPORTANT: see notes on page 2 for appropriate use and validity**

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# Certificate notes

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## 1. Correct use of the published ratings

**TCC** The time correction coefficient to be used, with the following exceptions:

**No spinnaker fleet** To be used when competing in a class which does not permit the use of a spinnaker.

**Mixed fleet** To be used when rated without a spinnaker **or** when permitted to elect not to use a spinnaker **and** when competing in a class which permits the use of a spinnaker.

## 2. Data quality

The fairest ratings will result from accurate measurement; ratings calculated using a significant amount of estimated and published data are far more likely to be out of line with expectations than those using measured and sister ship data. Owners must notify the rating office of any changes or errors in the rating data.

## 3. Applicability

This certificate is issued for the sole purpose of correcting elapsed times recorded in yacht races. It is not to be used for any other purpose.

## 4. Validity

Unless stated to the contrary, or superseded, this certificate is valid until the end of the calendar year in which it was issued. The validity can be checked by referring to the certificates published at: [www.vprs.org/ratings.html](http://www.vprs.org/ratings.html)

## 5. Additional information

## 6. Stability

An SSS base value provides a guide to the stability of a boat but does not guarantee safety or freedom of risk from capsizing or sinking. The safety of a boat is the sole responsibility of the skipper who must ensure that the boat is fully found, thoroughly seaworthy, and operated by a crew sufficient in number and experience who are physically fit to face bad weather. The SSS base value does not constitute any warranty as to the seaworthiness of any boat or the safety of any gear and shall not limit the absolute responsibility of the skipper of the boat.

|                       |           |  |
|-----------------------|-----------|--|
| Guard rails fitted    | Yes       |  |
| Dayboat               | No        |  |
| <b>SSS base value</b> | <b>50</b> | Valid only for data on this certificate. |