



**ORC**

Offshore Racing Congress  
World leader in rating technology

## 2019 ORC Club Certificate

### Rating Office

Offshore  
Racing  
Congress



World Leader In Rating Technology

### Certificate

Number **US6094**

Issued On **11/01/2019**

ORC Ref **USAX01U3M29**

VPP Ver. **2019 1.01**

Valid until **31/12/2019**

### Crew Weight

Default 777kg

Maximum **728kg**

Minimum\* **546kg**

\*when applied by the NoR and SI

Non Manual Pwr **No**

### Special Scoring

ToD ToT

Non Spin GPH **614.6 0.9762**

Non Spin OSN **598.4 1.0027**

### Sails Limitations

Headsails **6** Spinnakers **4**

### Asymmetric on centerline

Spinnaker configuration

Symmetric: **No**

Asymmetric: **Yes 173.06**

Flying H/S: **No**

Spin. Pole: **No**

### Class Division Length

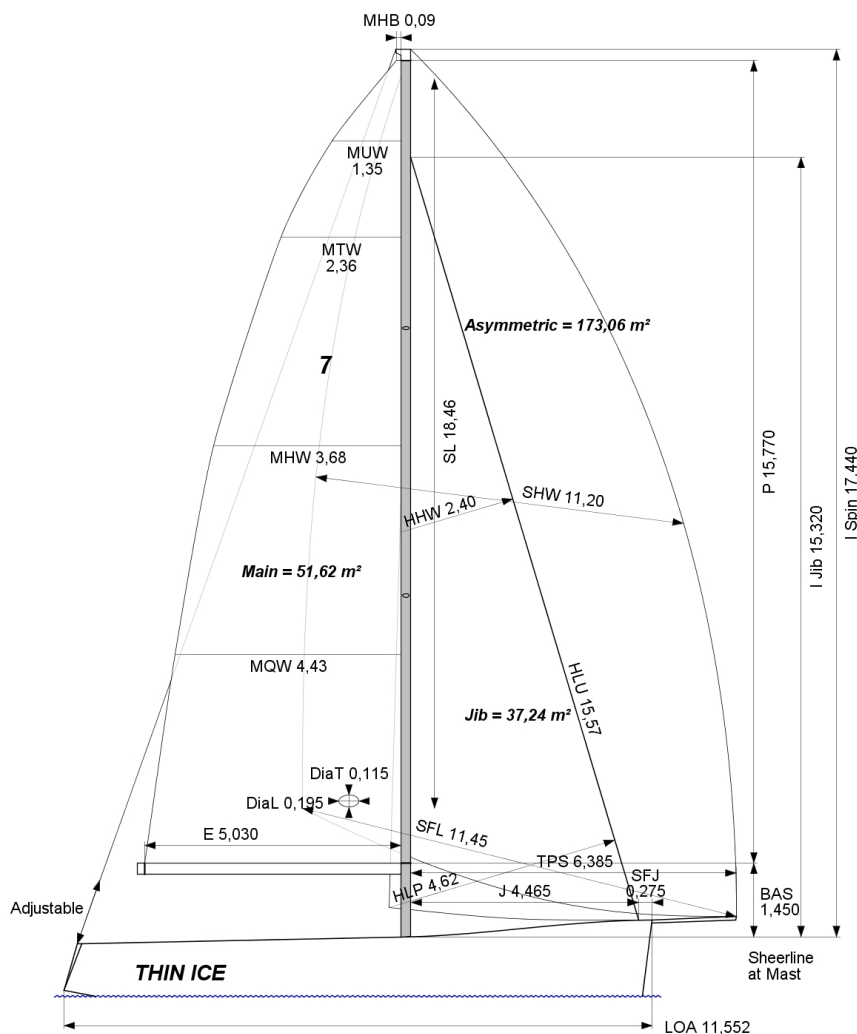
**CDL = 10.361**

### Stability (Measured)

Limit Positive Stab.: **110.8°**

Stability Index: **108.5**

### Owner



| BOAT          |                            | GPH                | HULL          |                                                          |
|---------------|----------------------------|--------------------|---------------|----------------------------------------------------------|
| Name          | <b>Thin Ice</b>            | <b>572.4</b>       | Data File     | <b>US6094</b> LOA <b>11.552m</b>                         |
| Sail Nr       | <b>7</b>                   |                    | Offset File   | <b>thinice.off</b> MB <b>3.992m</b>                      |
| CLASS         |                            |                    | Displacement  | <b>5,973kg</b> Draft <b>1.824m</b>                       |
| Class         | <b>AERODYNE 38 SD</b>      |                    | IMS Division  | <b>Cruiser/Racer</b> Dynamic All. <b>0.051%</b>          |
| Designer      | <b>ROGER MARTIN</b>        |                    | Fwd Accom.    | <b>Yes</b> Construction <b>Cored</b>                     |
| Builder       | <b>AERODYNE</b>            |                    | Fiber Rigging | <b>No</b> Aramid Core <b>No</b>                          |
| Series        | <b>09/1999</b>             |                    | Crew Arm Ex   | <b>No</b> Carbon Rudder <b>No</b>                        |
| Age Date      | <b>01/2000</b>             |                    |               | Light Stanchions <b>No</b>                               |
| Age Allowance | <b>0.487%</b>              |                    | IMSL          | <b>10.909m</b> VCGD <b>0.136m</b> Sink <b>22.60kg/mm</b> |
| COMMENTS      |                            |                    | RL            | <b>9.810m</b> VCGM <b>0.084m</b> WS <b>29.07m²</b>       |
| PROPELLER     |                            |                    | LSM0          | <b>10.883m</b> Displacement/Length ratio <b>4.6339</b>   |
| Installation  | <b>Strut</b>               | PRD <b>0.442</b>   | Water Ballast | <b>0</b> Trim Tab <b>No</b>                              |
| Type          | <b>Feathering 2 blades</b> | PBW <b>0.125</b>   | BLR Index     | <b>0.0000</b>                                            |
|               |                            | PIPA <b>0.0035</b> | BILGEBOARD    |                                                          |
|               |                            |                    | BS            | BT BA                                                    |
|               |                            |                    | BF            | BX                                                       |
|               |                            |                    | BC            | BY                                                       |

| SCORING OPTIONS  |                         |               |               |                    |               |               |
|------------------|-------------------------|---------------|---------------|--------------------|---------------|---------------|
|                  | COASTAL / LONG DISTANCE |               |               | WINDWARD / LEEWARD |               |               |
| Time on Distance | <b>557.7</b>            |               |               | <b>627.8</b>       |               |               |
| Time on Time     | <b>1.0758</b>           |               |               | <b>1.0752</b>      |               |               |
| Triple Number    | Low                     | Medium        | High          | Low                | Medium        | High          |
| Time on Distance | <b>647.5</b>            | <b>509.4</b>  | <b>456.4</b>  | <b>837.1</b>       | <b>628.0</b>  | <b>555.3</b>  |
| Time on Time     | <b>1.0425</b>           | <b>1.3251</b> | <b>1.4791</b> | <b>0.8064</b>      | <b>1.0749</b> | <b>1.2155</b> |