

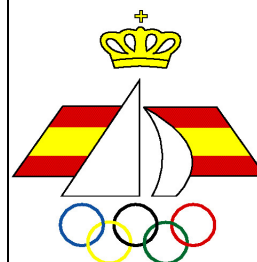


World Leader in Rating Technology

## 2017 ORC Club Certificate

### Oficina de emisión

R.F.E.V.  
Luis de Salazar,9  
28002 Madrid  
crucero@rfev.es



### Certificado

Numero **551101**  
emitido **07/03/2017**  
ORC Ref **ESP00021907**  
VPP Ver. **2017 1.00**  
Valid hasta **31/12/2017**

### Peso de tripulación

Declarado	<b>300kg</b>
Defecto	<b>591kg</b>
Winches eléctrico	<b>No</b>

### Special Scoring

	ToD	ToT
Red.GPH	<b>675,9</b>	<b>0,8877</b>
Red.OSN	<b>658,5</b>	<b>0,9111</b>
Sin Spin GPH	<b>699,8</b>	<b>0,8574</b>
Sin Spin OSN	<b>681,3</b>	<b>0,8807</b>

### Limites de velas

Velas proa **1** Spinaker **3**

#### Dacron Sails

Configuración de Spinaker  
Simetrico **Si** **102,09**  
Asimetrico **No**  
Volante H/S: **No**  
Tangón **Si**

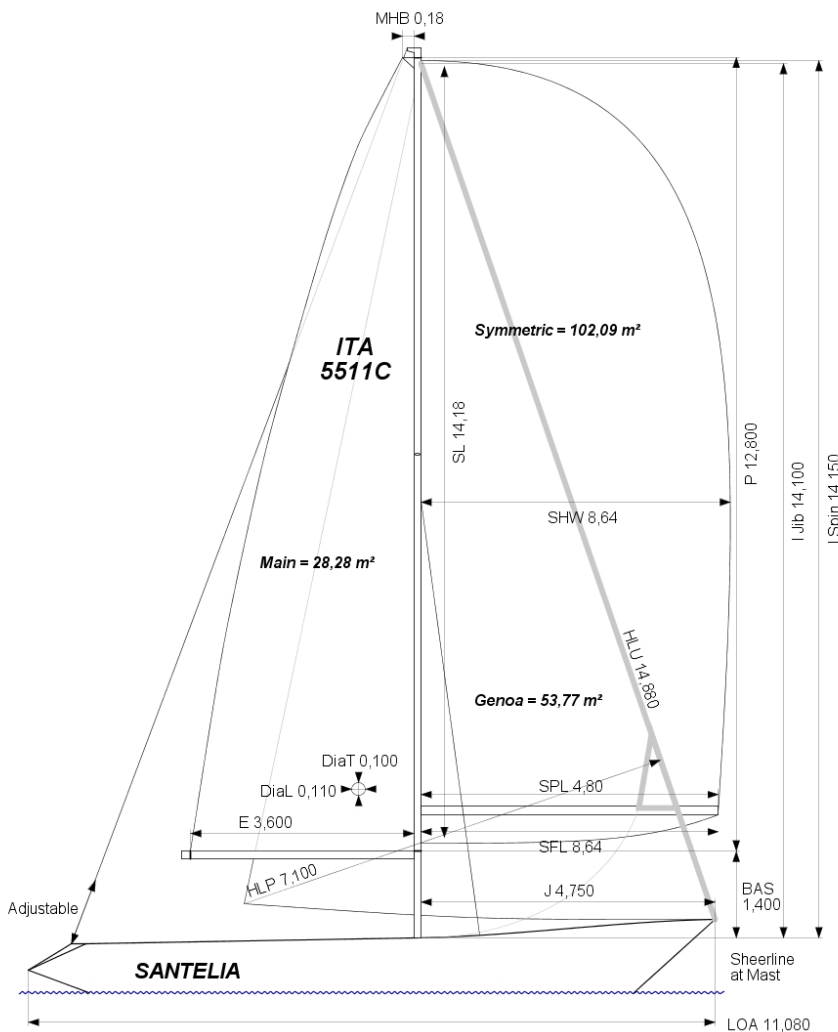
### Class division Length

**CDL = 7,968**

### Stability (Estimated)

Limit Positive Stab.: **122,1°**  
Indice de estabilidad **128,8**

### Armador



BARCO	GPH	casco
Nombre <b>SANTELIA</b> N. Vela <b>ITA-5511_C</b>	<b>675,6</b>	Fichero dxt <b>ITA5511_C</b> LOA <b>11,079m</b> Fichero Casco <b>L-0107.OFF</b> Manga <b>3,268m</b> Desplazamient <b>7.474kg</b> Calado <b>1,902m</b>
<b>MODELO</b> Modelo <b>SWAN 37</b> Diseñador <b>S &amp; S</b> Constructor <b>Nautor</b> Fecha de la Serie <b>11/1971</b> fecha de Botadura <b>01/1972</b> Bonificación <b>0,487%</b>		Division IMS <b>Crucero/regat</b> Dy namy c All. <b>0,417%</b> Acom. Proa <b>Si</b> Construcción <b>Fibra</b> Aparejo Fibra <b>No</b> Nido de Abeja <b>No</b> Crew Arm Ex Timón Carbono <b>No</b> Pulpitos ligeros
<b>Comentario</b> MEDIDAS ESTANDAR		IMSL <b>8,950m</b> VCGD <b>-0,154m</b> Sink <b>18,24kg/mm</b> RL <b>6,985m</b> VCGM <b>-0,164m</b> WS <b>26,80m<sup>2</sup></b> LSM0 <b>8,984m</b> Displacement/Length ratio <b>10,3073</b>
<b>Helice</b> Instalación <b>Eje expuesto</b> PRD <b>0,300</b> Tipo <b>Orientable 3 palas</b> PIPA <b>0,0031</b>		Tanque <b>0</b> Trim Tab <b>No</b>
		<b>Centerboard</b> <b>N/A</b>

Opciones de clasificaciones	COSTERA/LARGA DISTANCIA			Barlovento/Sotavento		
	Tiempo x Distancia	<b>658,1</b>			<b>735,4</b>	
Tiempo x Tiempo	<b>0,9118</b>			<b>0,9179</b>		
Triple Number	Bajo	Medio	Alto	Bajo	Medio	Alto
Time on Distance	<b>777,1</b>	<b>598,4</b>	<b>530,1</b>	<b>1007,0</b>	<b>744,2</b>	<b>631,9</b>
Time on Time	<b>0,8686</b>	<b>1,1281</b>	<b>1,2734</b>	<b>0,6703</b>	<b>0,9070</b>	<b>1,0682</b>



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# 2017

## ORC Club Certificate Appendix

### BARCO

Nombre **SANTELIA** Número certificado **551101**  
 N. Vela **ITA-5511\_C** emitido **07/03/2017**

### VPP S/M

Velocidad del viento	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1148,2</b>	<b>969,7</b>	<b>864,3</b>	<b>799,0</b>	<b>763,6</b>	<b>743,0</b>	<b>724,7</b>
52°	<b>746,2</b>	<b>634,6</b>	<b>565,2</b>	<b>536,2</b>	<b>523,8</b>	<b>517,1</b>	<b>510,9</b>
60°	<b>703,2</b>	<b>595,7</b>	<b>542,5</b>	<b>520,1</b>	<b>508,3</b>	<b>502,2</b>	<b>496,0</b>
75°	<b>666,5</b>	<b>567,0</b>	<b>527,4</b>	<b>507,6</b>	<b>493,0</b>	<b>482,3</b>	<b>473,3</b>
90°	<b>664,2</b>	<b>565,0</b>	<b>525,2</b>	<b>505,2</b>	<b>490,0</b>	<b>476,1</b>	<b>454,4</b>
110°	<b>698,1</b>	<b>575,2</b>	<b>522,3</b>	<b>497,0</b>	<b>479,1</b>	<b>469,7</b>	<b>453,3</b>
120°	<b>715,9</b>	<b>589,2</b>	<b>528,3</b>	<b>501,3</b>	<b>480,3</b>	<b>460,3</b>	<b>439,7</b>
135°	<b>780,8</b>	<b>644,4</b>	<b>554,7</b>	<b>517,1</b>	<b>494,8</b>	<b>474,8</b>	<b>438,2</b>
150°	<b>919,5</b>	<b>735,0</b>	<b>623,6</b>	<b>550,9</b>	<b>517,6</b>	<b>496,7</b>	<b>459,9</b>
Run VMG	<b>1061,8</b>	<b>848,5</b>	<b>719,8</b>	<b>629,3</b>	<b>567,9</b>	<b>528,2</b>	<b>486,7</b>

### Recorridos

Barlovento/Sotavento	<b>1105,0</b>	<b>909,1</b>	<b>792,0</b>	<b>714,1</b>	<b>665,8</b>	<b>635,6</b>	<b>605,7</b>
Circular random	<b>931,0</b>	<b>752,2</b>	<b>655,6</b>	<b>598,9</b>	<b>563,7</b>	<b>541,0</b>	<b>513,5</b>
Ocean for PCS	<b>1141,8</b>	<b>883,9</b>	<b>737,2</b>	<b>646,6</b>	<b>587,7</b>	<b>547,1</b>	<b>493,2</b>
Sin Spinaker	<b>973,2</b>	<b>782,6</b>	<b>678,7</b>	<b>616,9</b>	<b>578,1</b>	<b>552,5</b>	<b>521,0</b>

### Predicción de Velocidad en Nudos para Viento Real

Velocidad del viento	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	<b>44,1°</b>	<b>42,7°</b>	<b>43,9°</b>	<b>42,9°</b>	<b>41,5°</b>	<b>40,5°</b>	<b>39,6°</b>
Beat VMG	<b>3,14</b>	<b>3,71</b>	<b>4,17</b>	<b>4,51</b>	<b>4,71</b>	<b>4,85</b>	<b>4,97</b>
52°	<b>4,82</b>	<b>5,67</b>	<b>6,37</b>	<b>6,71</b>	<b>6,87</b>	<b>6,96</b>	<b>7,05</b>
60°	<b>5,12</b>	<b>6,04</b>	<b>6,64</b>	<b>6,92</b>	<b>7,08</b>	<b>7,17</b>	<b>7,26</b>
75°	<b>5,40</b>	<b>6,35</b>	<b>6,83</b>	<b>7,09</b>	<b>7,30</b>	<b>7,46</b>	<b>7,61</b>
90°	<b>5,42</b>	<b>6,37</b>	<b>6,85</b>	<b>7,13</b>	<b>7,35</b>	<b>7,56</b>	<b>7,92</b>
110°	<b>5,16</b>	<b>6,26</b>	<b>6,89</b>	<b>7,24</b>	<b>7,51</b>	<b>7,66</b>	<b>7,94</b>
120°	<b>5,03</b>	<b>6,11</b>	<b>6,81</b>	<b>7,18</b>	<b>7,50</b>	<b>7,82</b>	<b>8,19</b>
135°	<b>4,61</b>	<b>5,59</b>	<b>6,49</b>	<b>6,96</b>	<b>7,28</b>	<b>7,58</b>	<b>8,22</b>
150°	<b>3,92</b>	<b>4,90</b>	<b>5,77</b>	<b>6,53</b>	<b>6,96</b>	<b>7,25</b>	<b>7,83</b>
Run VMG	<b>3,39</b>	<b>4,24</b>	<b>5,00</b>	<b>5,72</b>	<b>6,34</b>	<b>6,82</b>	<b>7,40</b>
Gybe Angle	<b>147,0°</b>	<b>151,3°</b>	<b>150,5°</b>	<b>156,1°</b>	<b>180,0°</b>	<b>180,0°</b>	<b>180,0°</b>