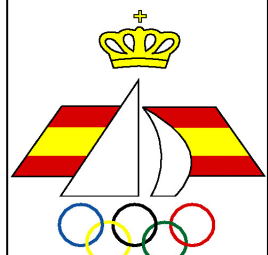


**Oficina de emisión**

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



**Certificado**

Numero **702101**  
emitido **19/02/2019**  
ORC Ref **ESP00003017**  
VPP Ver. **2019 1.01**  
Valid hasta **31/12/2019**

**Peso de tripulación**

Default 502kg  
Maximum **350kg**  
Minimum\* **263kg**  
*\*when applied by the NoR and SI*  
Winches electrico **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>717,9</b>	<b>0,8358</b>
Double H.OSN	<b>697,3</b>	<b>0,8605</b>
Sin Spin GPH	<b>756,7</b>	<b>0,7929</b>
SIn Spin OSN	<b>727,5</b>	<b>0,8247</b>

**Limites de velas**

Velas proa **5** Spinanker **3**

**Asymmetric on centerline**

**Configuración de Spinanker**  
Simetrico **No**  
Asimetrico **Si** **60,15**  
Volante H/S: **No**  
Tangón **No**

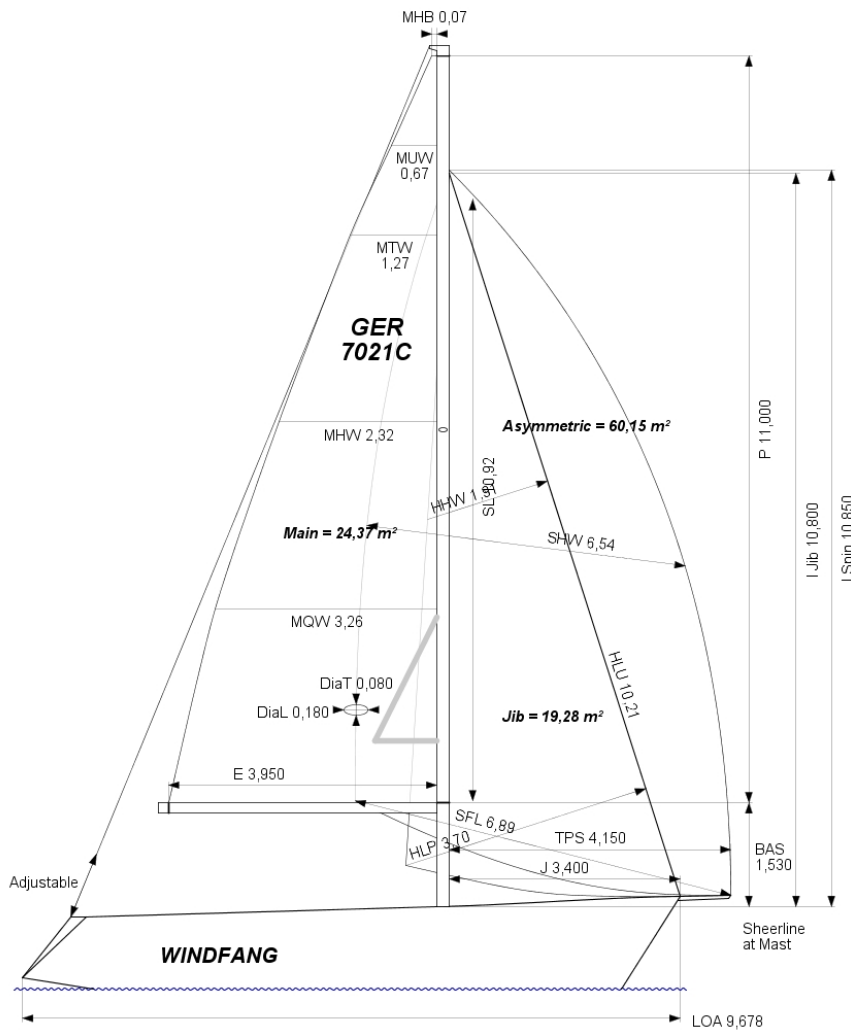
**Class division Length**

**CDL = 7,120**

**Stability (Estimated)**

Limit Positive Stab.: **125,2°**  
Indice de estabilidad **122,4**

**Armador**



BARCO		GPH		casco		
Nombre <b>WINDFANG</b> N. Vela <b>GER-7021_C</b>		<b>715,1</b>		Fichero dxt <b>GER7021_C</b>	LOA <b>9,678m</b>	
				Fichero Casco <b>E241.OFF</b>	MB <b>3,300m</b>	
				Desplazamiento <b>3.762kg</b>	Calado <b>1,638m</b>	
				IMS Division <b>Crucero/regat</b>	Dynamyc All. <b>0,343%</b>	
				Acom. Proa <b>Si</b>	Construcción <b>solido</b>	
				Aparejo Fibra <b>No</b>	Nido de Abeja <b>No</b>	
				Crew Arm Ex	Timón Carbono <b>No</b>	
					Pulpitos ligeros <b>No</b>	
				IMSL <b>8,093m</b>	VCGD <b>-0,155m</b>	
				RL <b>6,146m</b>	VCGM <b>-0,072m</b>	
				LSM0 <b>8,018m</b>	Displacement/Length ratio <b>7,2983</b>	
				Tanque <b>0</b>	Trim Tab <b>No</b>	
				BLR Index <b>0,0000</b>		
MODELO		CENTERBOARD				
Modelo <b>BAVARIA 32 HOLIDAY</b>		N/A				
Diseñador <b>J+J</b>						
Constructor <b>BAVARIA</b>						
Fecha de la Serie <b>01/1992, CIN DE-BAVX32C91697</b>						
fecha de Botadura <b>01/1997</b>						
Bonificación <b>0,487%</b>						
Comentario						
Helice						
Instalación <b>Z Sumergida</b>		PRD <b>0,415</b>				
Tipo <b>Plegable 2 palas</b>		PIPA <b>0,0032</b>				
Opciones de clasificaciones						
	COSTERA/LARGA DISTANCIA			Barlovento/Sotavento		
Time on Distance	<b>694,6</b>			<b>783,1</b>		
Time on Time	<b>0,8638</b>			<b>0,8620</b>		
Triple Number	Bajo	Medio	Alto	Bajo	Medio	Alto
Time on Distance	<b>833,4</b>	<b>630,3</b>	<b>553,9</b>	<b>1086,6</b>	<b>793,0</b>	<b>674,4</b>
Time on Time	<b>0,8099</b>	<b>1,0709</b>	<b>1,2186</b>	<b>0,6212</b>	<b>0,8512</b>	<b>1,0009</b>

# 2019

## ORC Club Certificate Appendix

<b>BARCO</b>			
Nombre	<b>WINDFANG</b>	Número certificado	<b>702101</b>
N. Vela	<b>GER-7021_C</b>	emitido	<b>19/02/2019</b>

<b>VPP S/M</b>							
Velocidad del viento	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1296,8</b>	<b>1068,5</b>	<b>941,9</b>	<b>851,7</b>	<b>798,8</b>	<b>780,5</b>	<b>790,1</b>
52°	<b>832,9</b>	<b>698,3</b>	<b>619,5</b>	<b>573,0</b>	<b>550,3</b>	<b>539,9</b>	<b>538,2</b>
60°	<b>781,3</b>	<b>659,4</b>	<b>589,4</b>	<b>554,6</b>	<b>535,5</b>	<b>524,3</b>	<b>518,4</b>
75°	<b>746,9</b>	<b>626,8</b>	<b>564,4</b>	<b>538,1</b>	<b>522,1</b>	<b>507,2</b>	<b>487,8</b>
90°	<b>708,8</b>	<b>588,6</b>	<b>537,3</b>	<b>512,2</b>	<b>496,5</b>	<b>488,6</b>	<b>470,9</b>
110°	<b>703,7</b>	<b>582,7</b>	<b>533,7</b>	<b>505,9</b>	<b>480,8</b>	<b>459,3</b>	<b>434,1</b>
120°	<b>731,1</b>	<b>599,9</b>	<b>541,6</b>	<b>512,0</b>	<b>486,0</b>	<b>462,1</b>	<b>422,2</b>
135°	<b>814,6</b>	<b>659,3</b>	<b>571,0</b>	<b>531,2</b>	<b>504,9</b>	<b>480,1</b>	<b>437,1</b>
150°	<b>956,7</b>	<b>759,3</b>	<b>645,7</b>	<b>579,7</b>	<b>544,6</b>	<b>522,2</b>	<b>483,1</b>
Run VMG	<b>1104,7</b>	<b>876,8</b>	<b>745,6</b>	<b>669,4</b>	<b>618,7</b>	<b>566,5</b>	<b>514,7</b>
<b>Recorridos</b>							
Barlovento/Sotavento	<b>1200,7</b>	<b>972,6</b>	<b>843,8</b>	<b>760,5</b>	<b>708,8</b>	<b>673,5</b>	<b>652,4</b>
Circular random	<b>997,0</b>	<b>800,3</b>	<b>693,2</b>	<b>630,0</b>	<b>590,8</b>	<b>566,0</b>	<b>538,9</b>
Coastal / Long Distance	<b>1191,1</b>	<b>908,5</b>	<b>752,7</b>	<b>654,1</b>	<b>599,6</b>	<b>561,6</b>	<b>508,1</b>
Sin Spinaker	<b>1076,4</b>	<b>855,1</b>	<b>732,3</b>	<b>658,2</b>	<b>611,8</b>	<b>582,1</b>	<b>549,4</b>

<b>Predicción de Velocidad en Nudos para Viento Real</b>							
Velocidad del viento	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	<b>45,1°</b>	<b>42,4°</b>	<b>42,7°</b>	<b>42,3°</b>	<b>40,8°</b>	<b>41,0°</b>	<b>42,1°</b>
Beat VMG	<b>2,78</b>	<b>3,37</b>	<b>3,82</b>	<b>4,23</b>	<b>4,51</b>	<b>4,61</b>	<b>4,56</b>
52°	<b>4,32</b>	<b>5,16</b>	<b>5,81</b>	<b>6,28</b>	<b>6,54</b>	<b>6,67</b>	<b>6,69</b>
60°	<b>4,61</b>	<b>5,46</b>	<b>6,11</b>	<b>6,49</b>	<b>6,72</b>	<b>6,87</b>	<b>6,94</b>
75°	<b>4,82</b>	<b>5,74</b>	<b>6,38</b>	<b>6,69</b>	<b>6,89</b>	<b>7,10</b>	<b>7,38</b>
90°	<b>5,08</b>	<b>6,12</b>	<b>6,70</b>	<b>7,03</b>	<b>7,25</b>	<b>7,37</b>	<b>7,65</b>
110°	<b>5,12</b>	<b>6,18</b>	<b>6,75</b>	<b>7,12</b>	<b>7,49</b>	<b>7,84</b>	<b>8,29</b>
120°	<b>4,92</b>	<b>6,00</b>	<b>6,65</b>	<b>7,03</b>	<b>7,41</b>	<b>7,79</b>	<b>8,53</b>
135°	<b>4,42</b>	<b>5,46</b>	<b>6,30</b>	<b>6,78</b>	<b>7,13</b>	<b>7,50</b>	<b>8,24</b>
150°	<b>3,76</b>	<b>4,74</b>	<b>5,58</b>	<b>6,21</b>	<b>6,61</b>	<b>6,89</b>	<b>7,45</b>
Run VMG	<b>3,26</b>	<b>4,11</b>	<b>4,83</b>	<b>5,38</b>	<b>5,82</b>	<b>6,36</b>	<b>6,99</b>
Gybe Angle	<b>146,1°</b>	<b>147,2°</b>	<b>146,7°</b>	<b>148,3°</b>	<b>174,0°</b>	<b>176,8°</b>	<b>178,3°</b>