



ORC

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2020
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress

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Invalid for
Racing

Certificate

Number **106991**
Issued On **29/07/2020**
ORC Ref **0351000NCW**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default	521kg
Maximum	350kg
Minimum*	263kg

*when applied by the NoR and SI

Non Manual Pwr	No
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Special Scoring

	ToD	ToT
Non Spin GPH	712.9	0.8416
Non Spin OSN	688.2	0.8718

Sails Limitations

Headsails **5** Spinnakers **4**

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes** **65.72**
Flying H/S: **No**
Spin. Pole: **Yes**

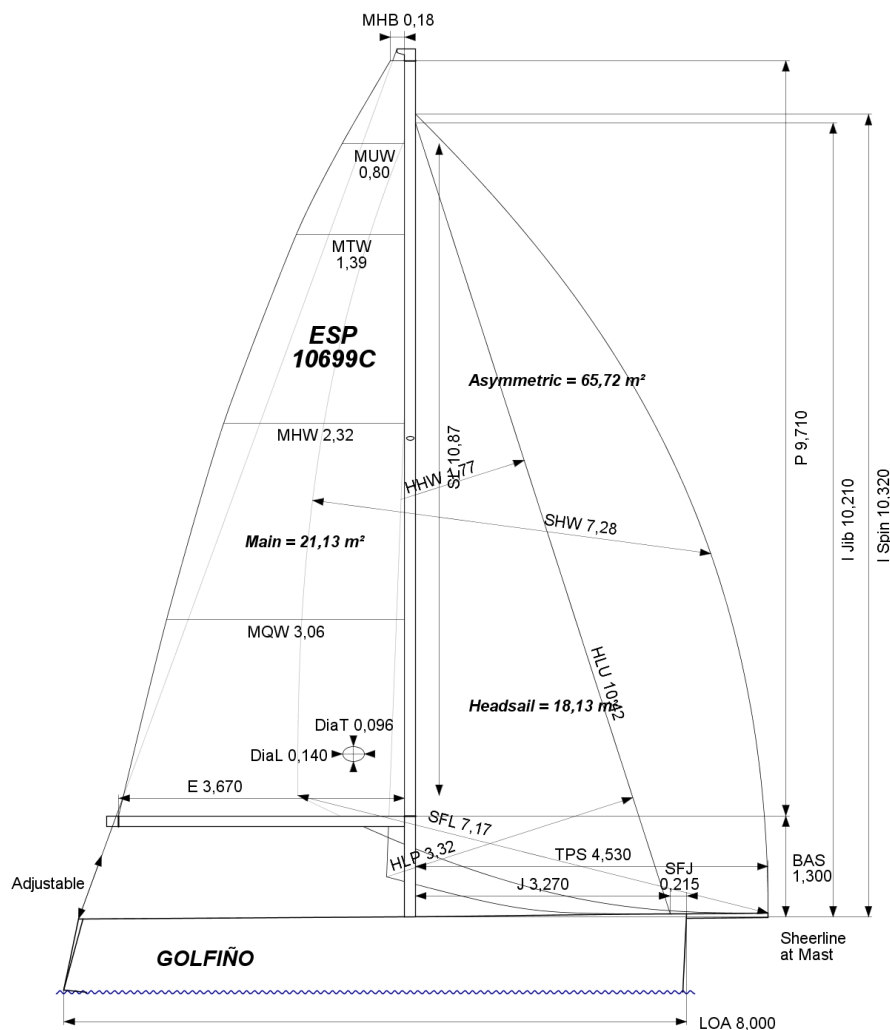
Class Division Length

CDL = 7.844

Stability (Estimated)

Limit Positive Stab.: **126.4°**
Stability Index: **121.3**

Owner



BOAT		GPH		HULL		
Name GOLFIÑO		669.2		Data File E10699_C	LOA 8.000m	
Sail Nr ESP-10699_C				Offset File g 840r.off	MB 2.844m	
				Displacement 2,201kg	Draft 1.846m	
CLASS				IMS Division Cruiser/Racer	Dynamic All. 0.196%	
Class G-8				Plan Review	Construction Cored	
Designer JOSE NAYA				Fiber Rigging No	Aramid Core No	
Builder ASTIFER				Crew Arm Ex	Carbon Rudder No	
Series 04/2018				Light Stanchions No		
Age Date 05/2018				IMSL 8.383m	VCGD -0.308m Sink 12.41kg/mm	
Age Allowance 0.065%				RL 7.308m	VCGM -0.104m WS 16.34m²	
COMMENTS				LSM0 8.224m	Displacement/Length ratio 3.9570	
OFFSET DE DISEÑADOR				Water Ballast 0	Trim Tab No	
				BLR Index 0.0000		
PROPELLER				CENTERBOARD		
Installation Shaft non exposed	PRD 0.400			N/A		
Type Folding 2 blades	PIPA 0.0005					
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	649.6			733.5		
Time on Time	0.9236			0.9203		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	769.3	591.1	529.3	996.5	732.7	649.2
Time on Time	0.8774	1.1419	1.2752	0.6774	0.9213	1.0398

2020

ORC Club Certificate Appendix

BOAT			
Name	GOLFIÑO	Certificate Number	106991
Sail Nr	ESP-10699_C	Issued On	29/07/2020

TIME ALLOWANCES								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	
Beat VMG	1170.7	957.4	833.4	781.1	769.2	767.7	760.2	
52°	763.6	637.7	569.0	546.1	540.3	538.3	531.5	
60°	720.9	607.5	552.9	531.6	524.4	521.5	515.2	
75°	690.7	585.6	541.4	517.8	501.3	493.5	489.2	
90°	670.2	559.1	526.6	513.6	492.4	470.5	449.2	
110°	658.0	550.4	510.0	478.8	459.3	444.1	415.7	
120°	680.5	560.7	515.7	478.1	442.7	418.1	384.5	
135°	763.5	610.5	538.4	502.8	465.7	428.7	353.6	
150°	899.1	709.6	598.7	543.9	517.9	491.3	420.1	
Run VMG	1038.2	819.4	691.3	627.7	588.5	544.3	485.1	
Selected Courses								
Windward / Leeward	1104.4	888.4	762.4	704.4	678.8	656.0	622.6	
Circular Random	923.8	744.2	648.7	594.3	561.1	538.8	506.6	
Coastal / Long Distance	1097.8	832.6	688.0	612.9	574.3	540.2	481.3	
Non Spinnaker	1005.9	801.1	689.8	624.7	584.9	559.0	525.1	

Velocity Prediction in Knots for True Wind Speeds								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	
Beat Angles	42.8°	41.3°	40.9°	39.4°	39.0°	39.0°	39.4°	
Beat VMG	3.08	3.76	4.32	4.61	4.68	4.69	4.74	
52°	4.71	5.65	6.33	6.59	6.66	6.69	6.77	
60°	4.99	5.93	6.51	6.77	6.87	6.90	6.99	
75°	5.21	6.15	6.65	6.95	7.18	7.30	7.36	
90°	5.37	6.44	6.84	7.01	7.31	7.65	8.01	
110°	5.47	6.54	7.06	7.52	7.84	8.11	8.66	
120°	5.29	6.42	6.98	7.53	8.13	8.61	9.36	
135°	4.72	5.90	6.69	7.16	7.73	8.40	10.18	
150°	4.00	5.07	6.01	6.62	6.95	7.33	8.57	
Run VMG	3.47	4.39	5.21	5.73	6.12	6.61	7.42	
Gybe Angles	145.0°	147.5°	148.0°	150.3°	174.0°	176.5°	141.3°	