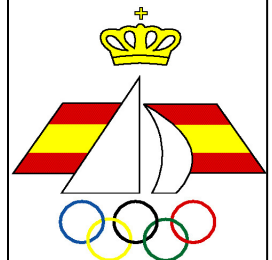




World Leader in Rating Technology

2014 ORC Club Certificate

Rating Office
R.F.E.V.
Luis de Salazar,9
28002 Madrid



Certificate

Number **959001**
Issued On **20/05/2014**
ORC Ref **ESP00007571**
VPP Ver. **2014 1.01**
Valid until **31/12/2014**

Crew Weight

Declared **400 kg**
Default* **424 kg**
Non Manual Pwr **No**

Special Scoring

| | ToD | ToT |
|----------------|--------------|---------------|
| Double H.GPH | 646,3 | 0,9283 |
| Double H.OSN | 628,7 | 0,9543 |
| Non Spin GPH | 672,1 | 0,8927 |
| Non Spin OSN | 650,1 | 0,9230 |
| N/S Perf. Line | 56,4 | 0,719 |

Sails Limitations

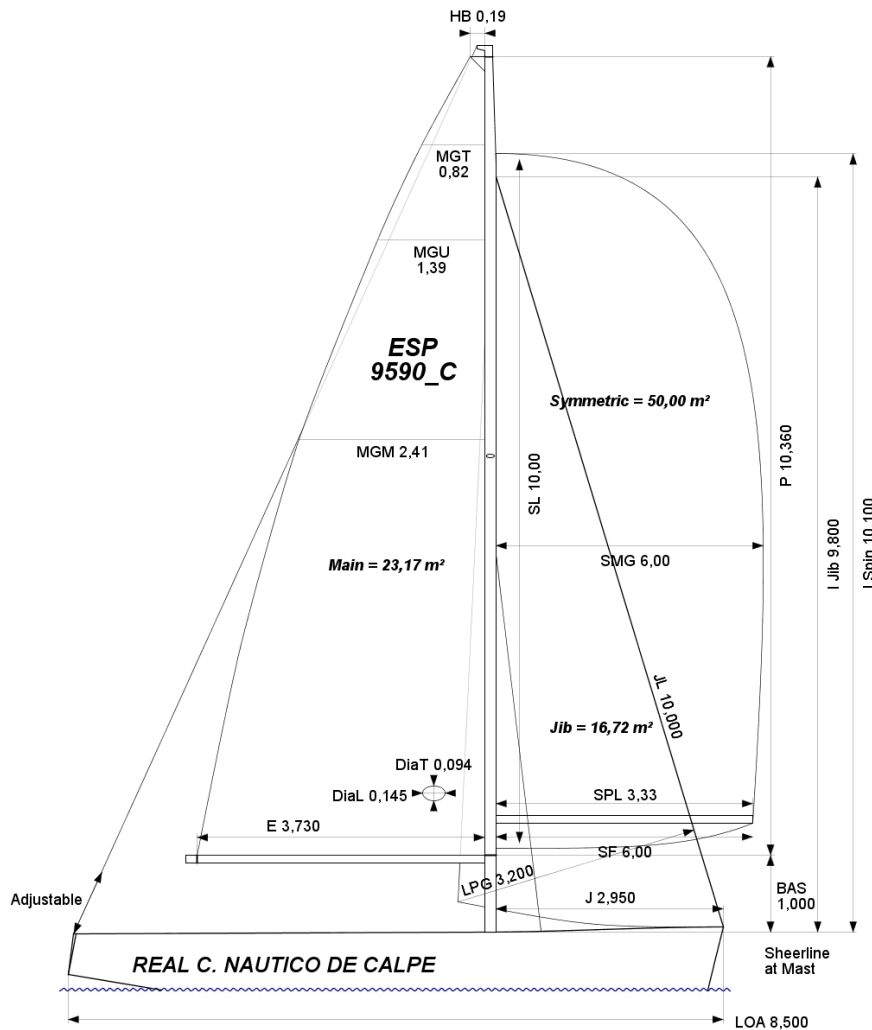
Genoas **0** Spinnakers **3**
Jibs **4**

Spinnaker configuration
Symmetric: **Yes** **50,00**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Stability

LPS (Estimated): **131,9°**
Stability Index: **124,8**
OSR Category: **0**

Owner



| BOAT | GPH | HULL |
|--|---|--|
| Name REAL C. NAUTICO DE Sail Nr ESP-9590_C | 638,7 | Data File E9590_C.dxt LOA 8,500 m Offset File TOM28.OFF MB 2,503 m Displacement 1.456 kg Draft 1,862 m |
| CLASS | | IMS Division Sportboat Dynamic All. 0,000% Fwd Accom. No Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions |
| Class TOM 28 Designer CECCARELLI Builder OMEGA YACHT Series 01/1993 Age Date 01/2001 Age Allowance 0,488% | | IMS L 7,590 Wetted Area 12,64 m² VCGM -0,389 |
| COMMENTS | | CENTERBOARD |
| | | N/A |
| PROPELLER | | |
| Type No Propeller | | |
| SCORING OPTIONS | | |
| | OFFSHORE COASTAL / LONG DISTANCE | INSHORE WINDWARD / LEEWARD |
| Time On Distance | 619,3 | 694,2 |
| Time On Time | 0,9688 | 0,9723 |
| Performance Line | PLT 0,781 PLD 71,3 | PLT 0,820 PLD 202,7 |
| Triple Number | Low 0,9148 Medium 1,1927 High 1,3741 | Low 0,7018 Medium 0,9685 High 1,1248 |



World Leader in Rating Technology

2014

ORC Club Certificate Appendix

| BOAT | | | |
|-------------|---------------------------|--------------------|-------------------|
| Name | REAL C. NAUTICO DE | Certificate Number | 959001 |
| Sail Nr | ESP-9590_C | Issued On | 20/05/2014 |

| TIME ALLOWANCES | | | | | | | |
|-------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Wind Velocity | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
| Beat VMG | 1073,1 | 875,1 | 769,7 | 730,3 | 711,0 | 699,8 | 702,8 |
| 52° | 699,9 | 583,4 | 542,2 | 524,2 | 513,5 | 506,8 | 499,4 |
| 60° | 656,3 | 562,8 | 527,2 | 503,7 | 490,9 | 483,5 | 474,9 |
| 75° | 622,0 | 549,4 | 513,6 | 479,5 | 456,9 | 445,7 | 436,2 |
| 90° | 629,8 | 546,7 | 511,9 | 480,5 | 449,5 | 419,3 | 392,4 |
| 110° | 645,0 | 548,8 | 502,3 | 457,5 | 432,5 | 409,4 | 376,7 |
| 120° | 669,8 | 560,0 | 514,5 | 469,7 | 424,8 | 391,1 | 356,1 |
| 135° | 757,8 | 607,7 | 545,7 | 506,1 | 465,9 | 425,4 | 336,1 |
| 150° | 917,2 | 727,5 | 607,2 | 544,5 | 506,9 | 469,4 | 389,9 |
| Run VMG | 1059,1 | 840,0 | 700,0 | 607,3 | 550,2 | 513,5 | 443,7 |
| Selected Courses | | | | | | | |
| Windward / Leeward | 1066,1 | 857,5 | 734,9 | 668,8 | 630,6 | 606,7 | 573,2 |
| Circular Random | 885,3 | 713,3 | 619,9 | 564,1 | 527,8 | 502,3 | 466,6 |
| Ocean for PCS | 943,8 | 744,5 | 632,3 | 562,0 | 513,1 | 475,5 | 417,0 |
| Non Spinnaker | 944,1 | 754,8 | 651,3 | 589,4 | 549,6 | 522,0 | 485,0 |

| 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 | 43,0° | 42,4° | 39,3° | 37,1° | 35,9° | 35,3° | 36,2° |
| Beat VMG | 3,35 | 4,11 | 4,68 | 4,93 | 5,06 | 5,14 | 5,12 |
| 52° | 5,14 | 6,17 | 6,64 | 6,87 | 7,01 | 7,10 | 7,21 |
| 60° | 5,49 | 6,40 | 6,83 | 7,15 | 7,33 | 7,45 | 7,58 |
| 75° | 5,79 | 6,55 | 7,01 | 7,51 | 7,88 | 8,08 | 8,25 |
| 90° | 5,72 | 6,58 | 7,03 | 7,49 | 8,01 | 8,59 | 9,17 |
| 110° | 5,58 | 6,56 | 7,17 | 7,87 | 8,32 | 8,79 | 9,56 |
| 120° | 5,37 | 6,43 | 7,00 | 7,67 | 8,47 | 9,20 | 10,11 |
| 135° | 4,75 | 5,92 | 6,60 | 7,11 | 7,73 | 8,46 | 10,71 |
| 150° | 3,93 | 4,95 | 5,93 | 6,61 | 7,10 | 7,67 | 9,23 |
| Run VMG | 3,40 | 4,29 | 5,14 | 5,93 | 6,54 | 7,01 | 8,11 |
| Gybe Angles | 137,6° | 148,1° | 151,0° | 167,7° | 177,6° | 177,2° | 174,7° |