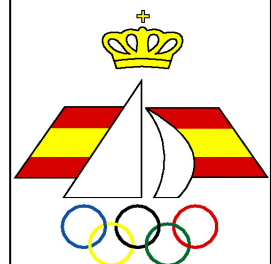




2020
International
Double Handed

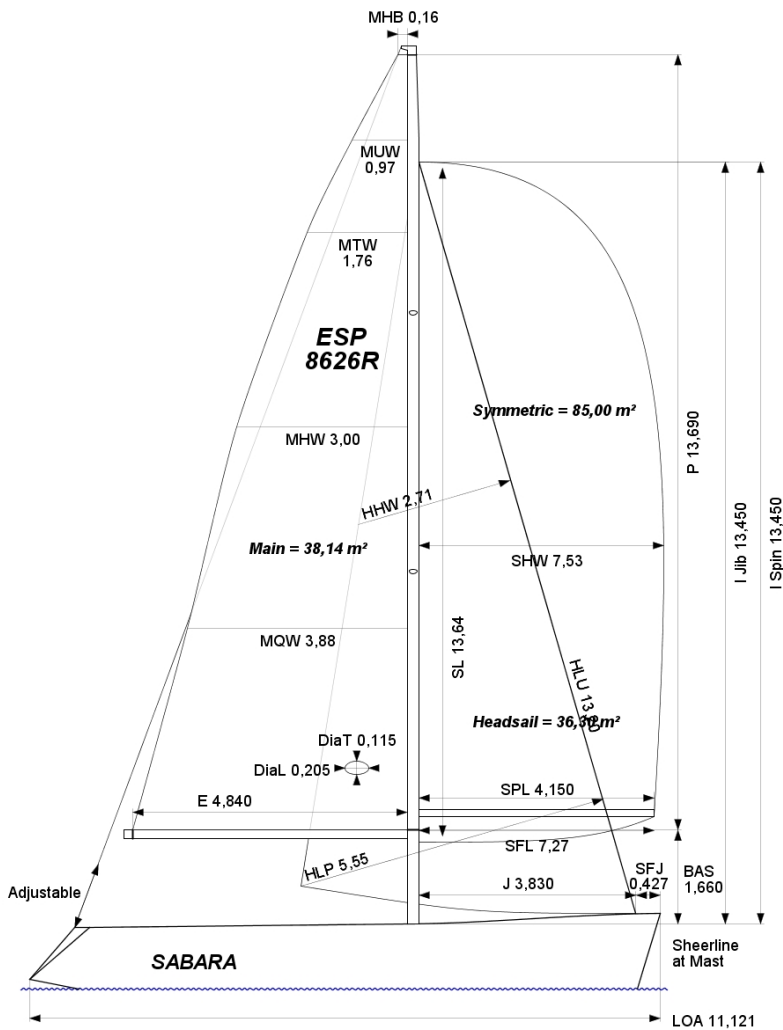
Rating Office

R.F.E.V.
c/Gamazo s/n
Santander
crucero@rfev.es



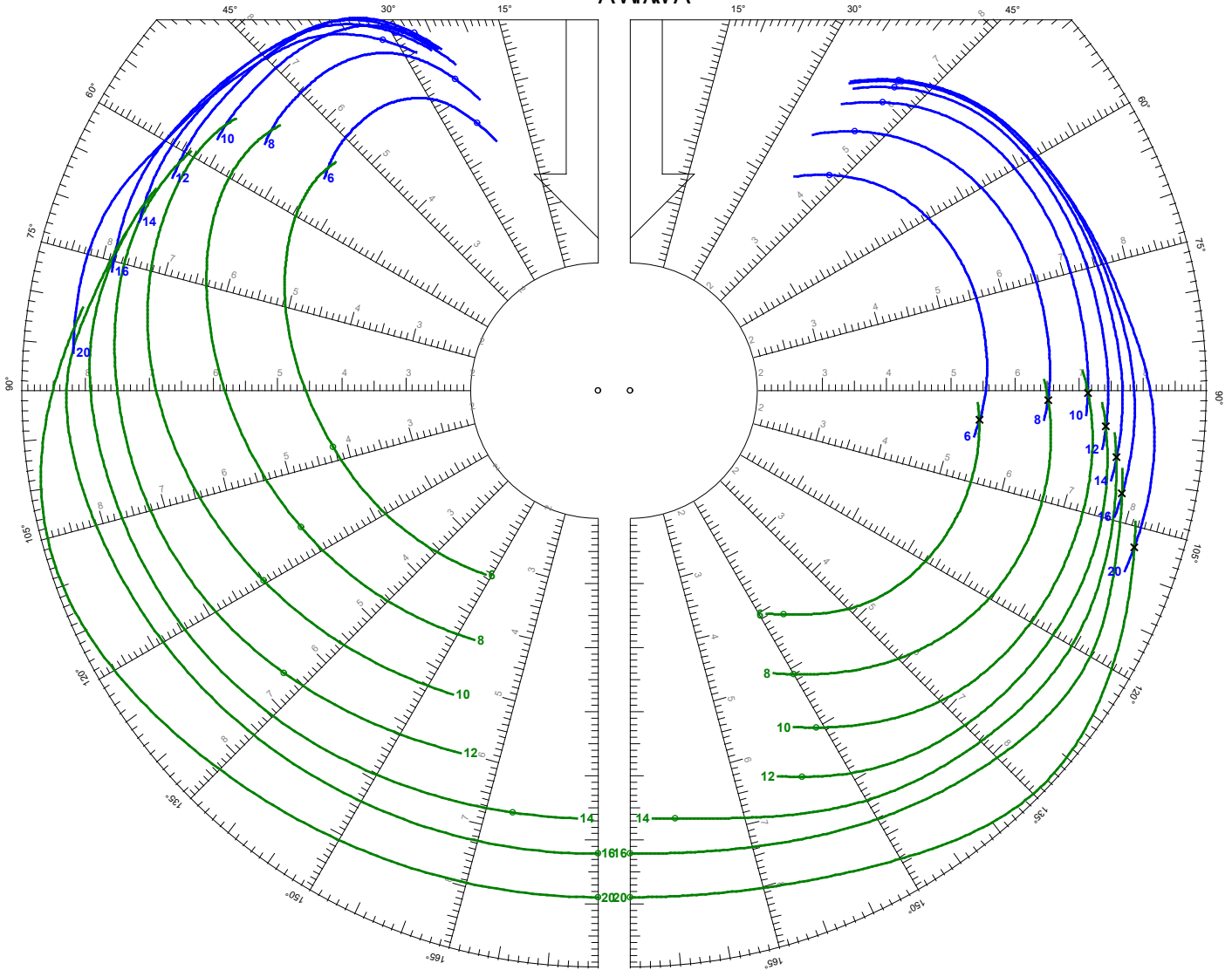
Certificate

Number **8626R1**
Issued On **02/07/2020**
ORC Ref **03510000LTL**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**



| | | | | | |
|--|------------------|----------------------------|--|--|---|
| BOAT Name SABARA Sail Nr ESP-8626_R | | GPH 649,2 | HULL Data File E8626_R LOA 11,121m Offset File sunfast36- MB 3,492m Displacement 6.633kg Draft 2,123m | | Crew Weight Default 170kg Maximum 170kg Non Manual Pwr No |
| CLASS Class SUN FAST 36 MOD Designer BRIAND Builder JEANNEAU Series 01/1992 Age Date 01/1993 Age Allowance 0,487% | | | IMS Division Cruiser/Racer Dynamic All. 0,307% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions | | Sails Limitations Headsails 5 Spinnakers 4 |
| COMMENTS CAMBIO DE QUILLA.04/16 AÑADIDO ZAPATA.04/16 SOLO VALIDO TRIP.REDUCIDA | | | IMSL 10,021m VCGD 0,226m Sink 20,03kg/mm RL 7,520m VCGM 0,210m WS 26,75m² LSM0 9,941m Displacement/Length ratio | | Spinnaker configuration Symmetric: Yes 85,00 Asymmetric: No Flying H/S: No Spin. Pole: Yes |
| PROPELLER Installation Shaft exposed PRD 0,437 Type Feathering 2 blades PBW 0,112 PIPA 0,0051 | | | CENTERBOARD N/A | | Stability (Measured) Limit Positive Stab.: 106,7° Stability Index: 110,5 |
| SCORING OPTIONS | | | | | |
| | Time on Distance | Time on Time | | | |
| Coastal or Long Distance | 631,6 | 0,9500 | | | |
| Circular Random | 649,2 | 0,9242 | | | |
| Predominantly Upwind | 630,0 | 0,9524 | | | |
| Predominantly Downwind | 584,0 | 1,0274 | | | |
| Owner | | | | | |

AVTAWA



Polar Plot for Boat
 Name **SABARA**
 Sail Number **ESP-8626_R**
 Class **SUN FAST 36 MOD**
 Designer **BRIAND**
 Builder **JEANNEAU**
 Issued On **02/07/2020 - VPP 2020 1.02**

2020

Double Handed Certificate Appendix

| BOAT | | | |
|-------------|-------------------|--------------------|-------------------|
| Name | SABARA | Certificate Number | 8626R1 |
| Sail Nr | ESP-8626_R | Issued On | 02/07/2020 |

| TIME ALLOWANCES | | | | | | | |
|-------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Wind Velocity | 6 kt | 8 kt | 10 kt | 12 kt | 14 kt | 16 kt | 20 kt |
| Beat VMG | 1084,2 | 901,5 | 810,3 | 770,0 | 755,1 | 750,7 | 752,8 |
| 52° | 712,5 | 602,3 | 543,9 | 521,9 | 514,7 | 511,9 | 511,3 |
| 60° | 675,5 | 573,2 | 523,3 | 504,3 | 497,5 | 494,5 | 494,1 |
| 75° | 647,2 | 551,6 | 508,4 | 489,9 | 479,5 | 474,1 | 470,5 |
| 90° | 652,2 | 553,6 | 506,6 | 485,1 | 471,1 | 460,1 | 445,9 |
| 110° | 661,8 | 546,1 | 495,9 | 473,0 | 459,6 | 450,1 | 434,2 |
| 120° | 681,1 | 559,9 | 501,6 | 475,3 | 455,3 | 437,0 | 417,5 |
| 135° | 753,3 | 613,1 | 529,5 | 491,0 | 468,5 | 447,6 | 407,5 |
| 150° | 900,7 | 710,3 | 598,1 | 526,5 | 491,5 | 470,0 | 430,0 |
| Run VMG | 1040,0 | 820,2 | 690,3 | 602,3 | 543,5 | 502,4 | 459,3 |
| Selected Courses | | | | | | | |
| Windward / Leeward | 1062,1 | 860,8 | 750,3 | 686,2 | 649,3 | 626,6 | 606,1 |
| Circular Random | 893,0 | 720,9 | 629,5 | 577,5 | 546,8 | 528,0 | 507,1 |
| Coastal / Long Distance | 1059,9 | 808,5 | 673,8 | 595,8 | 556,0 | 526,2 | 481,3 |
| Non Spinnaker | 943,2 | 756,3 | 655,5 | 597,1 | 562,1 | 540,2 | 515,0 |

| 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 | 42,8° | 40,9° | 41,3° | 41,1° | 40,9° | 40,9° | 41,3° |
| Beat VMG | 3,32 | 3,99 | 4,44 | 4,68 | 4,77 | 4,80 | 4,78 |
| 52° | 5,05 | 5,98 | 6,62 | 6,90 | 6,99 | 7,03 | 7,04 |
| 60° | 5,33 | 6,28 | 6,88 | 7,14 | 7,24 | 7,28 | 7,29 |
| 75° | 5,56 | 6,53 | 7,08 | 7,35 | 7,51 | 7,59 | 7,65 |
| 90° | 5,52 | 6,50 | 7,11 | 7,42 | 7,64 | 7,82 | 8,07 |
| 110° | 5,44 | 6,59 | 7,26 | 7,61 | 7,83 | 8,00 | 8,29 |
| 120° | 5,29 | 6,43 | 7,18 | 7,57 | 7,91 | 8,24 | 8,62 |
| 135° | 4,78 | 5,87 | 6,80 | 7,33 | 7,68 | 8,04 | 8,83 |
| 150° | 4,00 | 5,07 | 6,02 | 6,84 | 7,33 | 7,66 | 8,37 |
| Run VMG | 3,46 | 4,39 | 5,22 | 5,98 | 6,62 | 7,17 | 7,84 |
| Gybe Angles | 145,5° | 150,0° | 151,0° | 156,0° | 174,0° | 180,0° | 180,0° |