



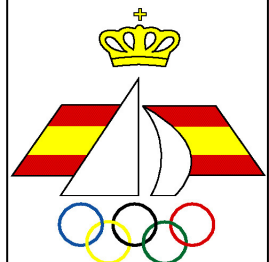
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2020
International
Double Handed

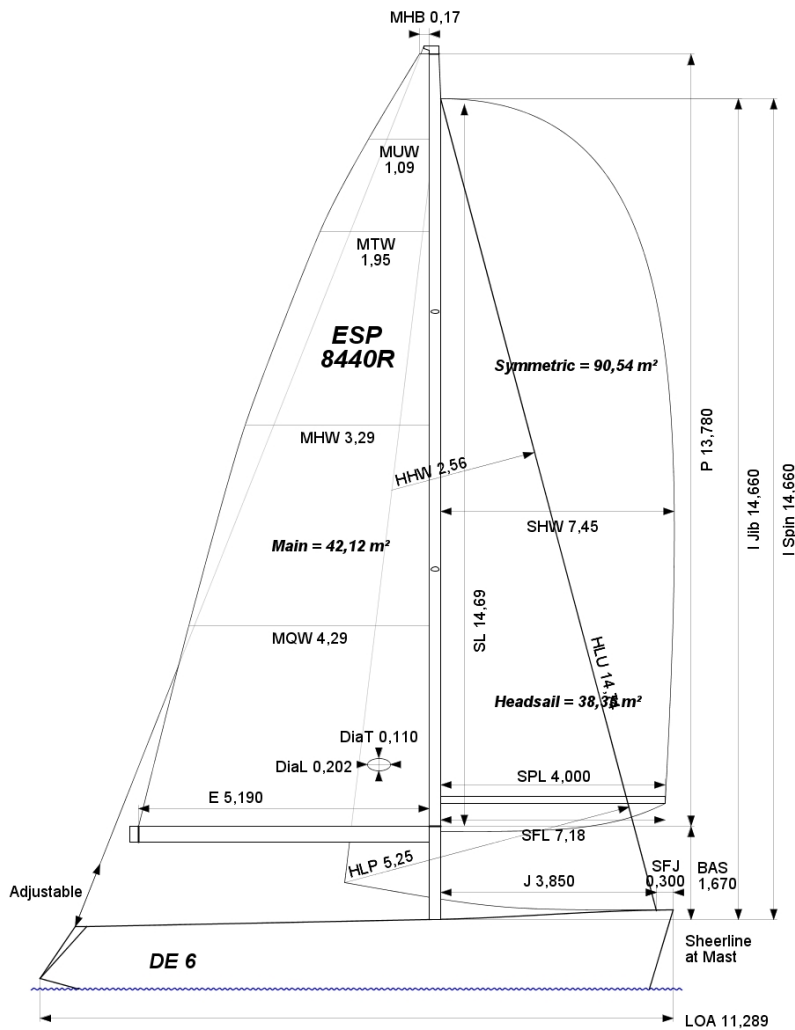
Rating Office

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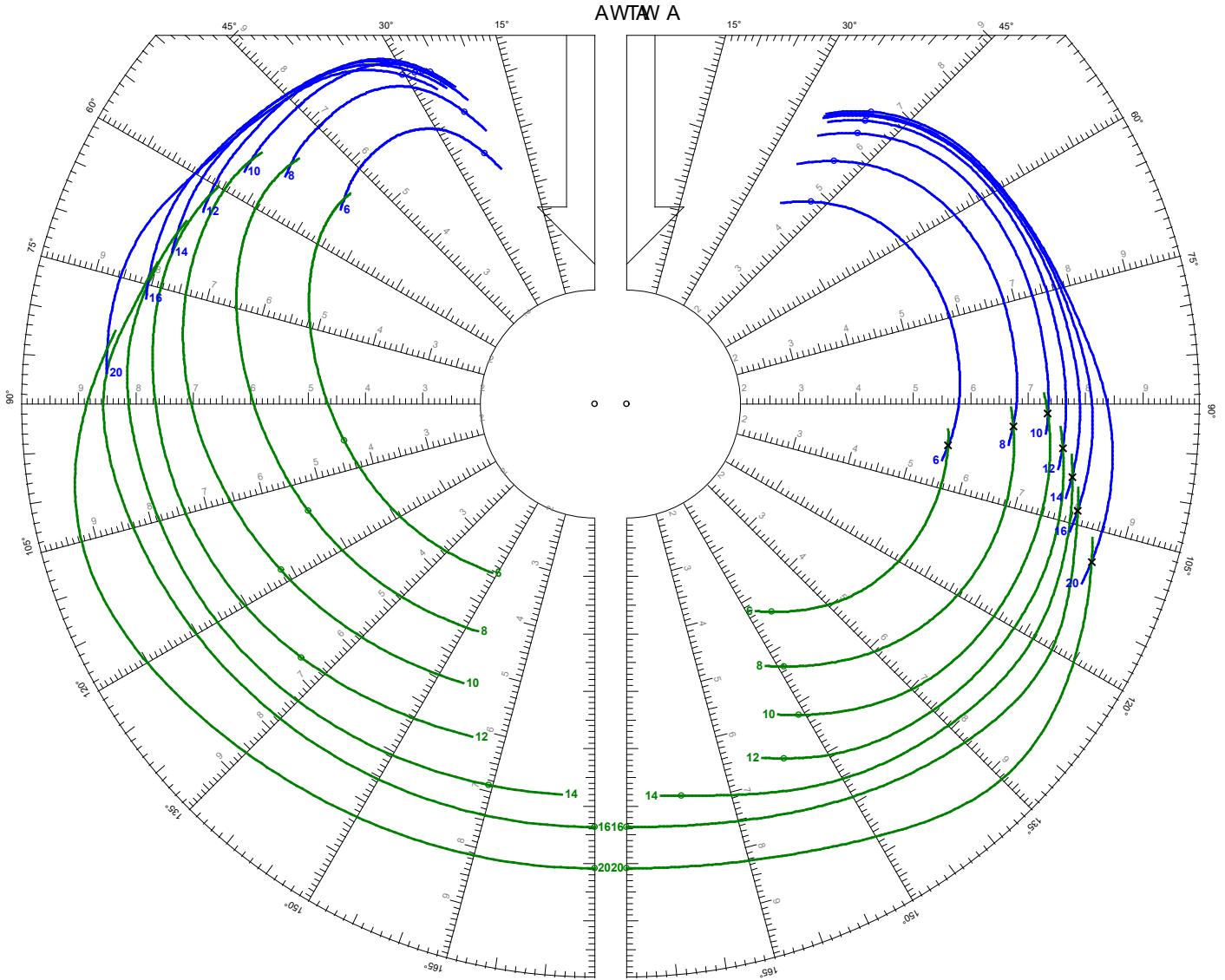


Certificate

Number **8440R1**
Issued On **02/07/2020**
ORC Ref **03510000LR9**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**



BOAT Name DE 6 Sail Nr ESP-8440_R		GPH 626,3	HULL Data File E8440_R LOA 11,289m Offset File saloe8440.off MB 3,580m Displacement 6.566kg Draft 2,309m		Crew Weight Default 170kg Maximum 170kg Non Manual Pwr No	
CLASS Class SALONA 37 Designer JAKOPIN Builder SALONA YACHTS Series 10/2005 Age Date 09/2007 Age Allowance 0,487%			IMS Division Cruiser/Racer Dynamic All. 0,187% 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 SOLO VALIDO TRIP.REDUCIDA			IMSL 10,319m VCGD -0,044m Sink 21,14kg/mm RL 8,239m VCGM 0,010m WS 28,16m² LSM0 10,335m Displacement/Length ratio		Spinnaker configuration Symmetric: Yes 90,54 Asymmetric: No Flying H/S: No Spin. Pole: Yes	
PROPELLER Installation Strut PRD 0,430 Type Folding 2 blades PIPA 0,0034			CENTERBOARD N/A		Stability (Measured) Limit Positive Stab.: 119,6° Stability Index: 122,8	
SCORING OPTIONS						
	Time on Distance	Time on Time				
Coastal or Long Distance	609,4	0,9846				
Circular Random	626,3	0,9580				
Predominantly Upwind	606,3	0,9896				
Predominantly Downwind	565,8	1,0605				
Owner						



Polar Plot for Boat	
Name	DE 6
Sail Number	ESP-8440_R
Class	SALONA 37
Designer	JAKOPIN
Builder	SALONA YACHTS
Issued On	02/07/2020 - VPP 2020 1.02

2020

Double Handed Certificate Appendix

BOAT			
Name	DE 6	Certificate Number	8440R1
Sail Nr	ESP-8440_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	1031,3	858,2	770,4	735,7	722,6	718,1	711,6
52°	680,7	575,1	523,6	506,3	500,1	497,6	493,7
60°	646,4	549,0	506,5	490,7	485,0	482,3	479,9
75°	620,1	530,9	494,1	477,1	467,2	462,3	458,6
90°	625,0	532,3	492,0	472,3	457,9	446,0	431,7
110°	643,2	531,0	484,5	461,8	447,5	437,1	419,8
120°	661,6	543,7	489,8	464,1	442,6	423,1	402,4
135°	731,5	593,8	515,3	479,7	456,9	434,4	391,6
150°	867,1	686,1	579,6	513,2	480,4	458,7	416,3
Run VMG	1001,3	792,3	668,9	586,7	531,0	491,7	448,0
Selected Courses							
Windward / Leeward	1016,3	825,2	719,6	661,2	626,8	604,9	579,8
Circular Random	858,8	694,5	607,4	558,0	528,6	509,9	487,0
Coastal / Long Distance	1014,8	775,7	648,1	576,1	538,7	509,6	464,5
Non Spinnaker	908,6	729,5	633,1	577,4	543,7	522,0	495,2

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	42,4°	40,5°	40,5°	40,1°	39,8°	39,8°	39,9°
Beat VMG	3,49	4,19	4,67	4,89	4,98	5,01	5,06
52°	5,29	6,26	6,88	7,11	7,20	7,24	7,29
60°	5,57	6,56	7,11	7,34	7,42	7,46	7,50
75°	5,81	6,78	7,29	7,55	7,71	7,79	7,85
90°	5,76	6,76	7,32	7,62	7,86	8,07	8,34
110°	5,60	6,78	7,43	7,80	8,04	8,24	8,58
120°	5,44	6,62	7,35	7,76	8,13	8,51	8,95
135°	4,92	6,06	6,99	7,50	7,88	8,29	9,19
150°	4,15	5,25	6,21	7,01	7,49	7,85	8,65
Run VMG	3,60	4,54	5,38	6,14	6,78	7,32	8,04
Gybe Angles	145,0°	149,0°	151,0°	156,0°	172,0°	180,0°	180,0°