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2020
Club
Double Handed

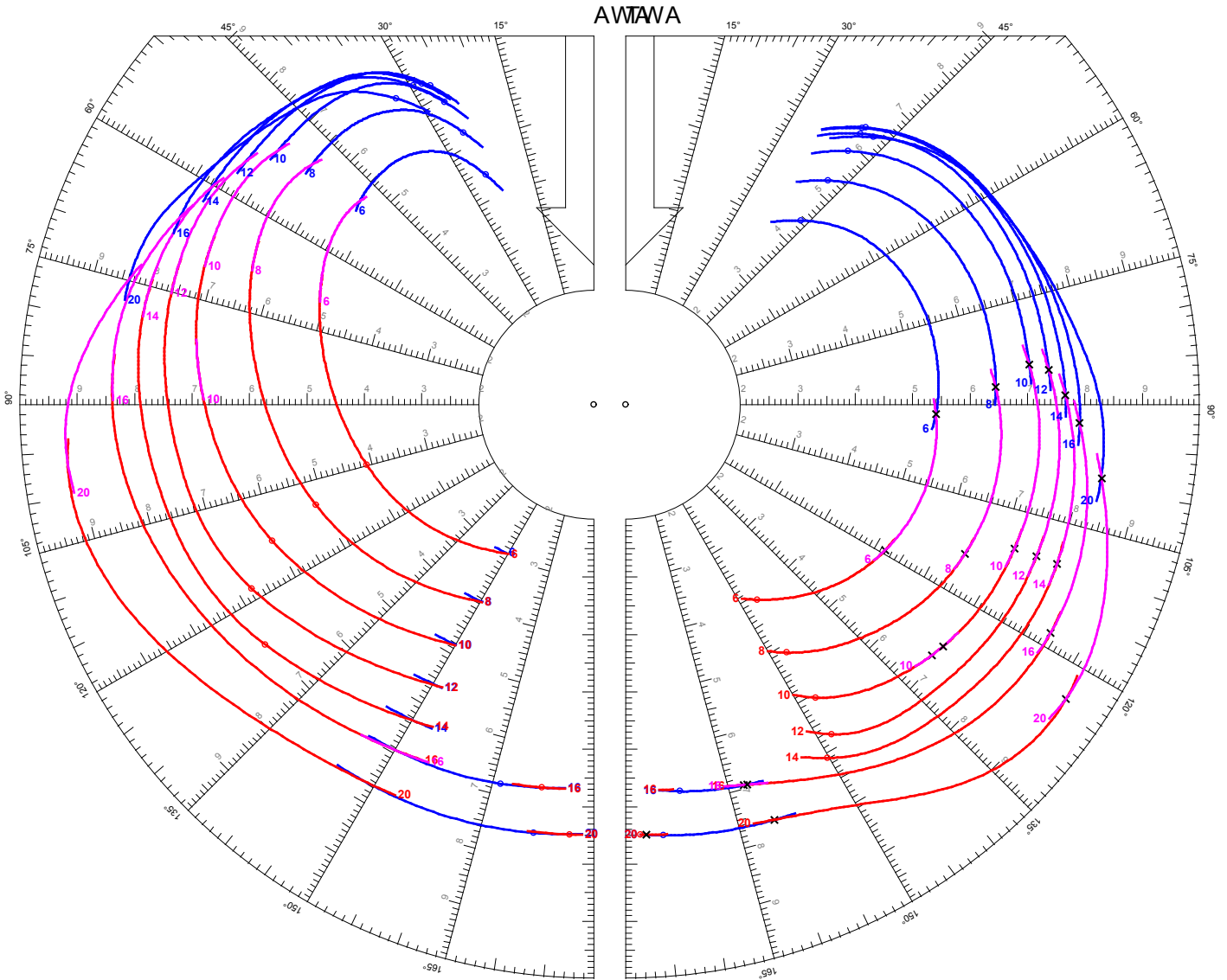
Rating Office
Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ισιοπλοϊκής Ομοσπονδίας



Certificate

Number **01972**
Issued On **12/06/2020**
ORC Ref **03420000KKJ**
VPP Ver. **2020 1.02**
Valid until **28/2/2021**

BOAT Name PIPIT Sail Nr GRE-735		GPH 661,8	HULL Data File BUL735 LOA 11,040m Offset File BAVA36.OFF MB 3,608m Displacement 4.700kg Draft 2,000m		Crew Weight Default 170kg Maximum 170kg Non Manual Pwr No
CLASS Class BAVARIA 36 Designer J & J Builder Bavaria Series 01/1998 Age Date 01/2003 Age Allowance 0,487%		IMS Division Cruiser/Racer Dynamic All. 0,326% Fiber Rigging No Construction Solid Crew Arm Ex Aramid Core No Carbon Rudder No Light Stanchions No		Sails Limitations Headsails 1 Spinnakers 4 Asymmetric on centerline Spinnaker configuration Symmetric: No Asymmetric: Yes 68,54 Flying H/S: No Spin. Pole: No	
COMMENTS Builder's displacement.		IMSL 9,703m VCGD 0,000m Sink 18,35kg/mm RL 7,511m VCGM 0,087m WS 23,88m² LSM0 9,603m Displacement/Length ratio 5,3073		Water Ballast Trim Tab No BLR Index 0,0000	
PROPELLER Installation Strut PRD 0,410 Type Feathering 3 blades PBW 0,110 PIPA 0,0034		CENTERBOARD N/A		Stability (Estimated) Limit Positive Stab.: 117,3° Stability Index: 114,6	
SCORING OPTIONS					
	Time on Distance	Time on Time			
Coastal or Long Distance	642,8	0,9334			
Circular Random	661,8	0,9066			
Predominantly Upwind	638,4	0,9399			
Predominantly Downwind	597,5	1,0042			
			Owner SKARIS SAILS SMPC SOFOKLEOUS 18 65403 KAVALA, HELLAS OTHAK I certify that I understand my responsibilities under ORC Rules and Regulations Signature		



Polar Plot for Boat	
Name	PIPIT
Sail Number	GRE-735
Class	BAVARIA 36
Designer	J & J
Builder	Bavaria
Issued On	12/06/2020 - VPP 2020 1.02

2020

Double Handed Certificate Appendix

BOAT	
Name PIPIT	Certificate Number 01972
Sail Nr GRE-735	Issued On 12/06/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1135,4	932,7	824,0	770,5	754,6	752,3	778,2
52°	737,4	616,6	551,5	523,5	514,7	512,0	516,7
60°	694,3	585,1	529,5	506,5	497,3	494,1	495,2
75°	661,1	560,7	513,7	492,3	479,1	471,0	466,5
90°	666,4	562,2	506,9	484,6	471,8	457,4	437,4
110°	676,8	556,0	501,4	474,6	452,1	434,0	412,7
120°	701,8	573,5	509,2	479,3	454,8	431,2	394,7
135°	783,2	629,5	541,1	497,6	471,9	447,5	401,9
150°	925,2	727,4	615,7	547,2	510,7	487,5	448,8
Run VMG	1068,3	839,9	711,0	631,9	589,2	538,9	483,7
Selected Courses							
Windward / Leeward	1101,8	886,3	767,5	701,2	671,9	645,6	630,9
Circular Random	917,4	737,4	641,1	586,2	553,9	534,5	514,8
Coastal / Long Distance	1098,5	831,4	687,4	604,3	564,5	531,1	481,0
Non Spinnaker	972,0	774,7	667,4	604,8	567,4	544,7	522,0

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	43,5°	42,0°	41,3°	40,9°	40,5°	40,9°	42,8°
Beat VMG	3,17	3,86	4,37	4,67	4,77	4,79	4,63
52°	4,88	5,84	6,53	6,88	6,99	7,03	6,97
60°	5,18	6,15	6,80	7,11	7,24	7,29	7,27
75°	5,45	6,42	7,01	7,31	7,51	7,64	7,72
90°	5,40	6,40	7,10	7,43	7,63	7,87	8,23
110°	5,32	6,47	7,18	7,58	7,96	8,30	8,72
120°	5,13	6,28	7,07	7,51	7,92	8,35	9,12
135°	4,60	5,72	6,65	7,23	7,63	8,04	8,96
150°	3,89	4,95	5,85	6,58	7,05	7,38	8,02
Run VMG	3,37	4,29	5,06	5,70	6,11	6,68	7,44
Gybe Angles	146,0°	147,0°	147,0°	148,0°	150,3°	172,0°	175,0°