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2020
Club
Double Handed

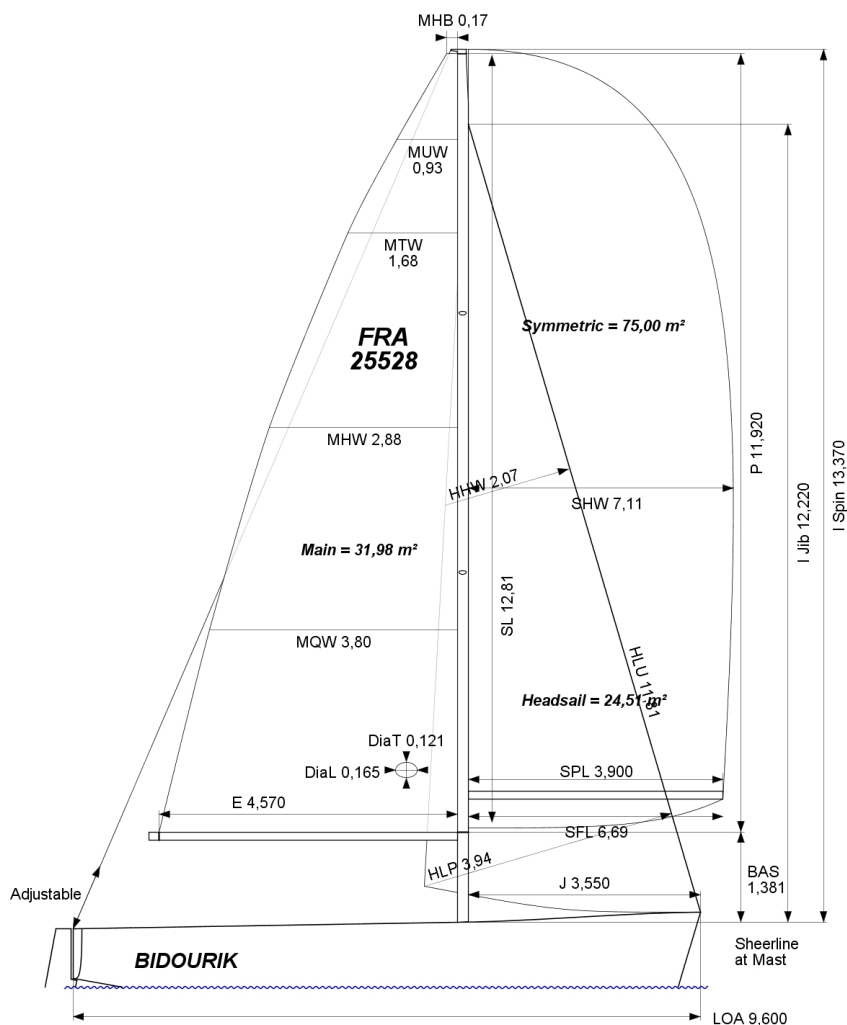
Rating Office

Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ιστιοπλοϊκής Ομοσπονδίας

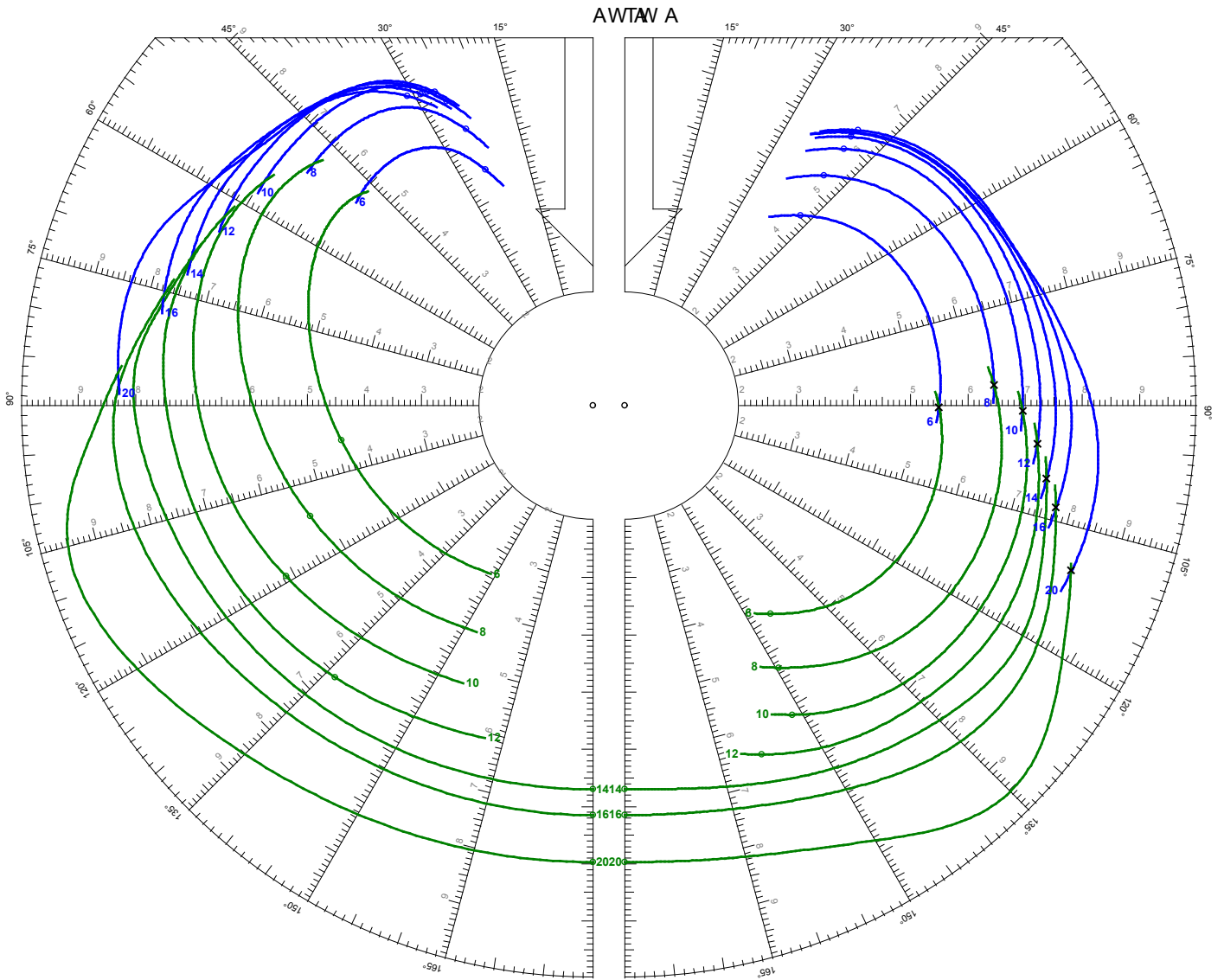


Certificate

Number **00728**
Issued On **23/06/2020**
ORC Ref **03420000L8T**
VPP Ver. **2020 1.02**
Valid until **28/02/2021**



BOAT Name BIDOURIK Sail Nr FRA-25528		GPH 648.9	HULL Data File F25528 LOA 9.600m Offset File JPK960.off MB 3.448m Displacement 3,628kg Draft 1.979m		Crew Weight Default 170kg Maximum 170kg Non Manual Pwr No
CLASS Class JPK 9.60 Designer VALER Builder JPK COMPOSITES Series 02/2003 Age Date 02/2004 Age Allowance 0.487%			IMS Division Cruiser/Racer Dynamic All. 0.184% Fiber Rigging No Construction Cored Crew Arm Ex Aramid Core No Carbon Rudder No Light Stanchions No		Sails Limitations Headsails 5 Spinnakers 4
COMMENTS			IMSL 9.159m VCGD -0.222m Sink 15.82kg/mm RL 7.451m VCGM -0.027m WS 20.84m² LSM0 8.947m Displacement/Length ratio 5.0656 Water Ballast 0 Trim Tab No BLR Index 0.0000		Spinnaker configuration Symmetric: Yes 75.00 Asymmetric: No Flying H/S: No Spin. Pole: Yes
PROPELLER Installation Strut PRD 0.380 Type Folding 2 blades PBW 0.100 PIPA 0.0033			CENTERBOARD N/A		Stability (Measured) Limit Positive Stab.: 115.8° Stability Index: 110.7
SCORING OPTIONS					
	Time on Distance	Time on Time			
Coastal or Long Distance	631.1	0.9507			
Circular Random	648.9	0.9246			
Predominantly Upwind	633.6	0.9470			
Predominantly Downwind	580.0	1.0346			
Owner					



Polar Plot for Boat	
Name	BIDOURIK
Sail Number	FRA-25528
Class	JPK 9.60
Designer	VALER
Builder	JPK COMPOSITES
Issued On	23/06/2020 - VPP 2020 1.02

2020

Double Handed Certificate Appendix

BOAT	
Name BIDOURIK	Certificate Number 00728
Sail Nr FRA-25528	Issued On 23/06/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1095.8	905.3	810.6	773.6	760.8	758.1	752.0
52°	719.8	606.2	552.0	533.0	526.5	524.0	518.2
60°	681.9	578.8	534.3	516.8	510.1	506.9	502.8
75°	652.7	559.7	521.2	502.2	489.4	482.1	477.1
90°	658.1	553.8	520.1	498.1	480.0	463.7	442.7
110°	647.5	541.7	502.6	480.4	466.0	452.7	430.5
120°	663.6	551.2	506.2	477.4	450.4	434.2	409.8
135°	729.6	594.0	526.9	494.6	465.5	436.1	379.6
150°	861.1	684.8	581.6	524.6	494.8	467.6	412.7
Run VMG	994.4	790.7	670.3	594.0	540.0	506.0	453.9
Selected Courses							
Windward / Leeward	1045.1	848.0	740.5	683.8	650.4	632.0	602.9
Circular Random	887.4	718.7	629.6	579.1	548.7	528.7	501.6
Coastal / Long Distance	1040.0	796.8	669.3	598.8	560.0	530.1	478.5
Non Spinnaker	953.4	764.9	663.6	605.1	569.5	546.5	517.1

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°	40.9°	40.5°	40.1°	39.8°	39.8°	40.3°
Beat VMG	3.29	3.98	4.44	4.65	4.73	4.75	4.79
52°	5.00	5.94	6.52	6.75	6.84	6.87	6.95
60°	5.28	6.22	6.74	6.97	7.06	7.10	7.16
75°	5.52	6.43	6.91	7.17	7.36	7.47	7.55
90°	5.47	6.50	6.92	7.23	7.50	7.76	8.13
110°	5.56	6.65	7.16	7.49	7.73	7.95	8.36
120°	5.42	6.53	7.11	7.54	7.99	8.29	8.79
135°	4.93	6.06	6.83	7.28	7.73	8.25	9.48
150°	4.18	5.26	6.19	6.86	7.28	7.70	8.72
Run VMG	3.62	4.55	5.37	6.06	6.67	7.12	7.93
Gybe Angles	145.0°	149.5°	151.5°	158.5°	180.0°	180.0°	180.0°