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2020
International
Double Handed

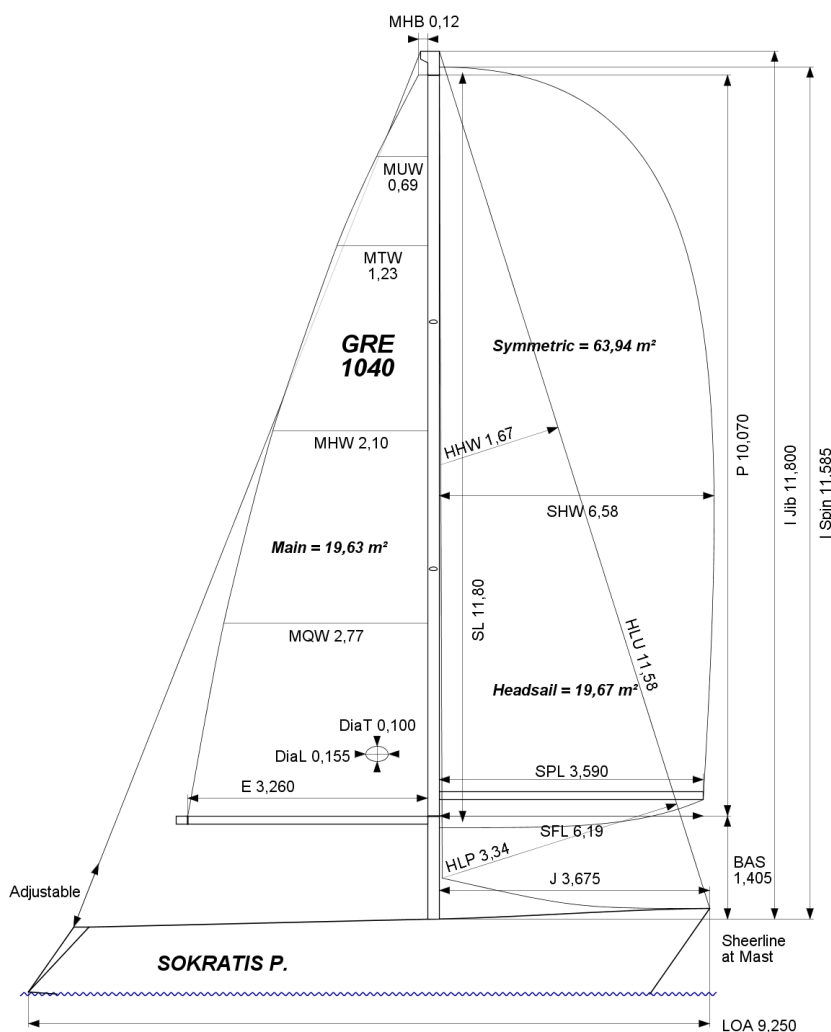
Rating Office

Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
Ελληνικής
Ιστιοπλοϊκής Ομοσπονδίας

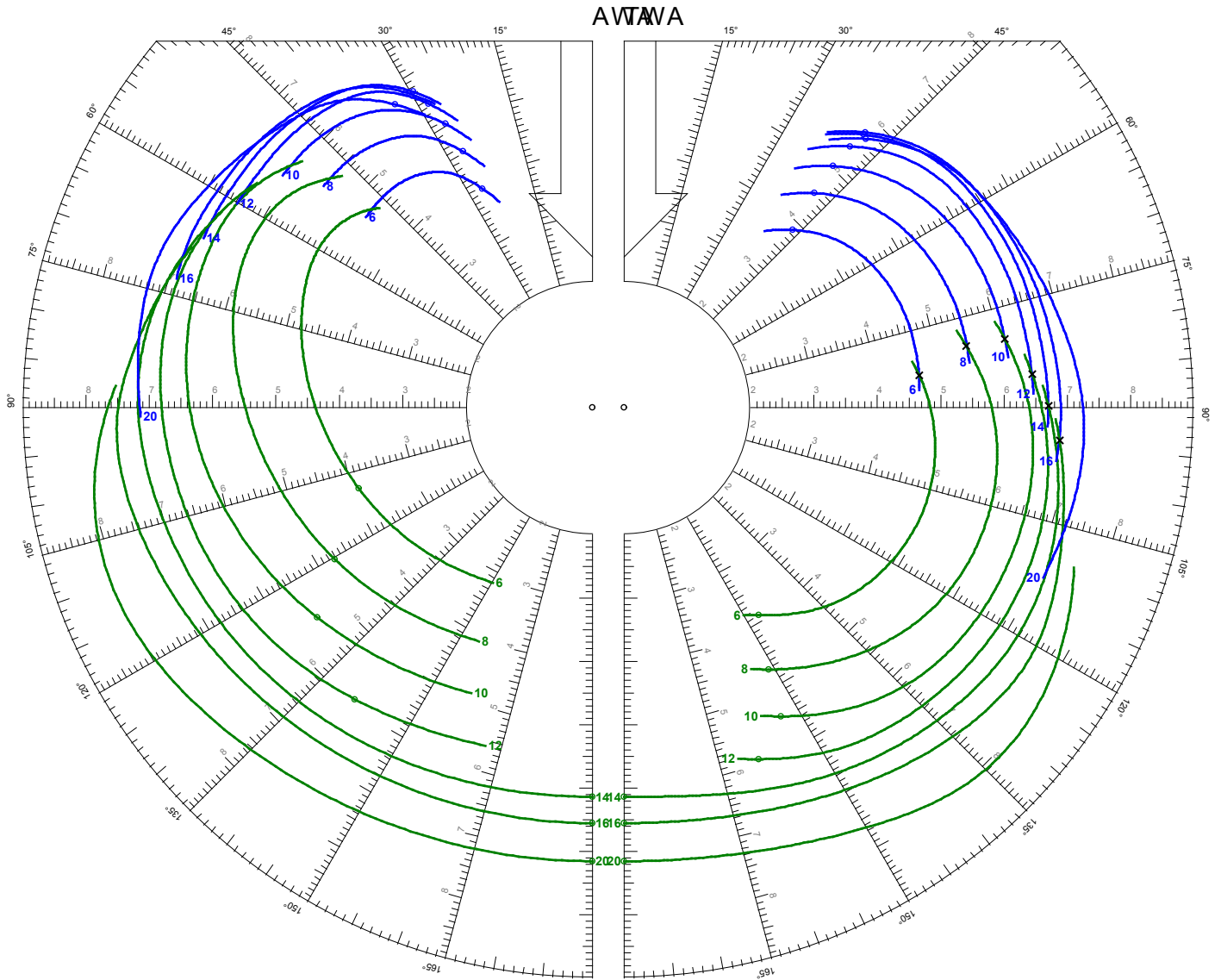


Certificate

Number **00523**
Issued On **30/06/2020**
ORC Ref **03420000LOB**
VPP Ver. **2020 1.02**
Valid until **28/02/2021**



BOAT		GPH	HULL		Crew Weight	
Name SOKRATIS P. Sail Nr GRE-1040		733.2	Data File GR1040 LOA 9.250m Offset File GIBSEA92.OFF MB 3.144m Displacement 3,638kg Draft 1.725m		Default 170kg Maximum 200kg Non Manual Pwr No	
CLASS			IMS Division Cruiser/Racer Dynamic All. 0.308% Fiber Rigging No Construction Solid Crew Arm ExAramid Core No Carbon Rudder No Light Stanchions No		Sails Limitations	
Class GIB SEA 920 Designer J.FAUROUX Builder GIBERT MARINE Series 01/1986 Age Date 01/1987 Age Allowance 0.487%			IMSL 8.062m VCGD 0.028m Sink 14.12kg/mm RL 5.715m VCGM 0.138m WS 18.41m² LSM0 7.851m Displacement/Length ratio 7.5177		Headsails 5 Spinnakers 4	
COMMENTS			Water Ballast 0 Trim Tab No BLR Index 0.0000		Spinnaker configuration Symmetric: Yes 63.94 Asymmetric: No Flying H/S: No Spin. Pole: Yes	
PROPELLER			CENTERBOARD			
Installation Shaft exposed PRD 0.370 Type Folding 2 blades PBW 0.120 PIPA 0.0045			N/A			
SCORING OPTIONS						
		Time on Distance	Time on Time			
Coastal or Long Distance		710.6	0.8444			
Circular Random		733.2	0.8183			
Predominantly Upwind		718.6	0.8350			
Predominantly Downwind		648.5	0.9252			
Owner						



Polar Plot for Boat

Name **SOKRATIS P.**
Sail Number **GRE-1040**
Class **GIB SEA 920**
Designer **J.FAUROUX**
Builder **GIBERT MARINE**
Issued On **30/06/2020 - VPP 2020 1.02**

2020

Double Handed Certificate Appendix

BOAT			
Name	SOKRATIS P.	Certificate Number	00523
Sail Nr	GRE-1040	Issued On	30/06/2020

TIME ALLOWANCES								
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	
Beat VMG	1300.6	1076.9	955.5	883.3	844.5	837.0	856.7	
52°	849.2	718.0	643.5	597.2	577.2	570.8	573.7	
60°	803.8	684.9	614.7	577.3	560.0	552.0	551.1	
75°	771.4	658.8	593.4	562.4	544.8	532.8	521.2	
90°	747.6	622.9	565.4	548.4	539.2	524.4	498.9	
110°	725.2	604.3	552.6	526.6	506.9	495.4	478.7	
120°	744.0	616.2	557.3	528.5	503.9	481.4	457.6	
135°	813.9	667.8	581.4	544.2	518.7	493.3	448.4	
150°	957.7	760.0	646.3	576.2	543.6	519.9	473.5	
Run VMG	1105.8	877.4	744.0	653.5	590.4	552.9	506.5	
Selected Courses								
Windward / Leeward	1203.2	977.2	849.8	768.4	717.4	695.0	681.6	
Circular Random	1014.1	817.1	710.9	649.3	612.4	590.0	566.8	
Coastal / Long Distance	1193.5	915.9	763.3	670.1	620.0	586.0	535.6	
Non Spinnaker	1102.2	878.6	755.7	682.9	638.6	611.5	584.4	

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°	41.6°	40.9°	40.9°	41.3°	41.3°	42.0°	
Beat VMG	2.77	3.34	3.77	4.08	4.26	4.30	4.20	
52°	4.24	5.01	5.59	6.03	6.24	6.31	6.28	
60°	4.48	5.26	5.86	6.24	6.43	6.52	6.53	
75°	4.67	5.46	6.07	6.40	6.61	6.76	6.91	
90°	4.82	5.78	6.37	6.56	6.68	6.86	7.22	
110°	4.96	5.96	6.51	6.84	7.10	7.27	7.52	
120°	4.84	5.84	6.46	6.81	7.14	7.48	7.87	
135°	4.42	5.39	6.19	6.62	6.94	7.30	8.03	
150°	3.76	4.74	5.57	6.25	6.62	6.92	7.60	
Run VMG	3.26	4.10	4.84	5.51	6.10	6.51	7.11	
Gybe Angles	147.0°	151.0°	153.0°	159.0°	180.0°	180.0°	180.0°	