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2020
Club
Double Handed

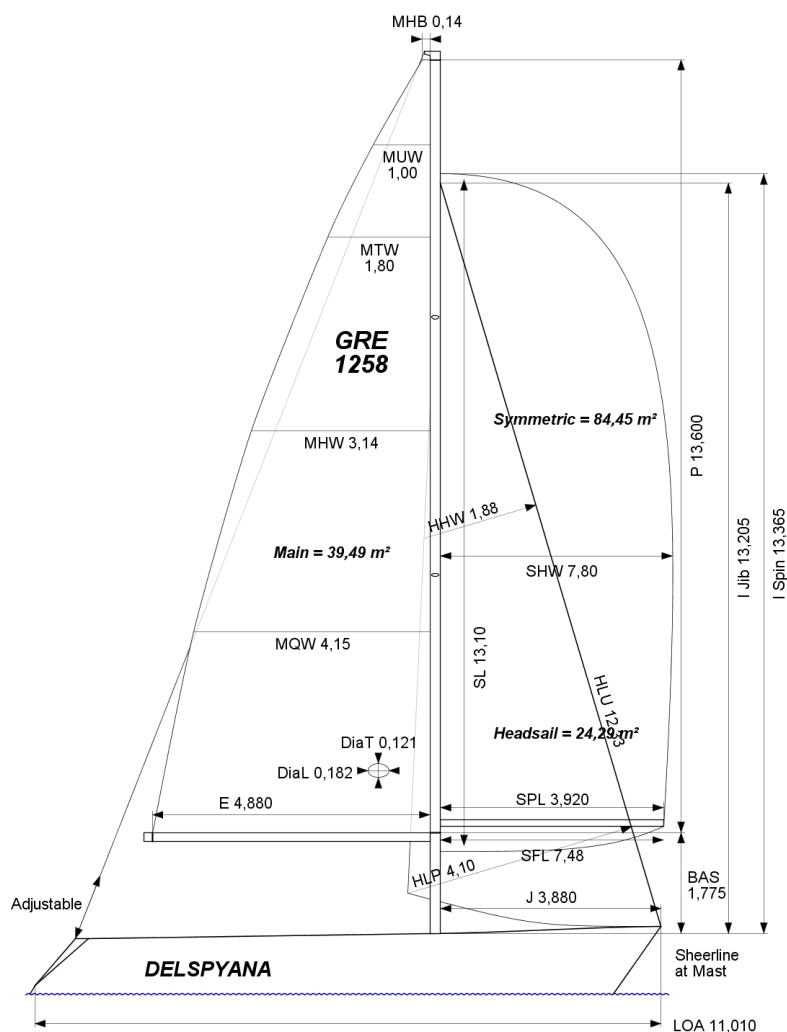
Rating Office

Hellenic Sailing Federation
Offshore Committee
Επιτροπή
Ανοικτής Θαλάσσης
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Ιστιοπλοϊκής Ομοσπονδίας

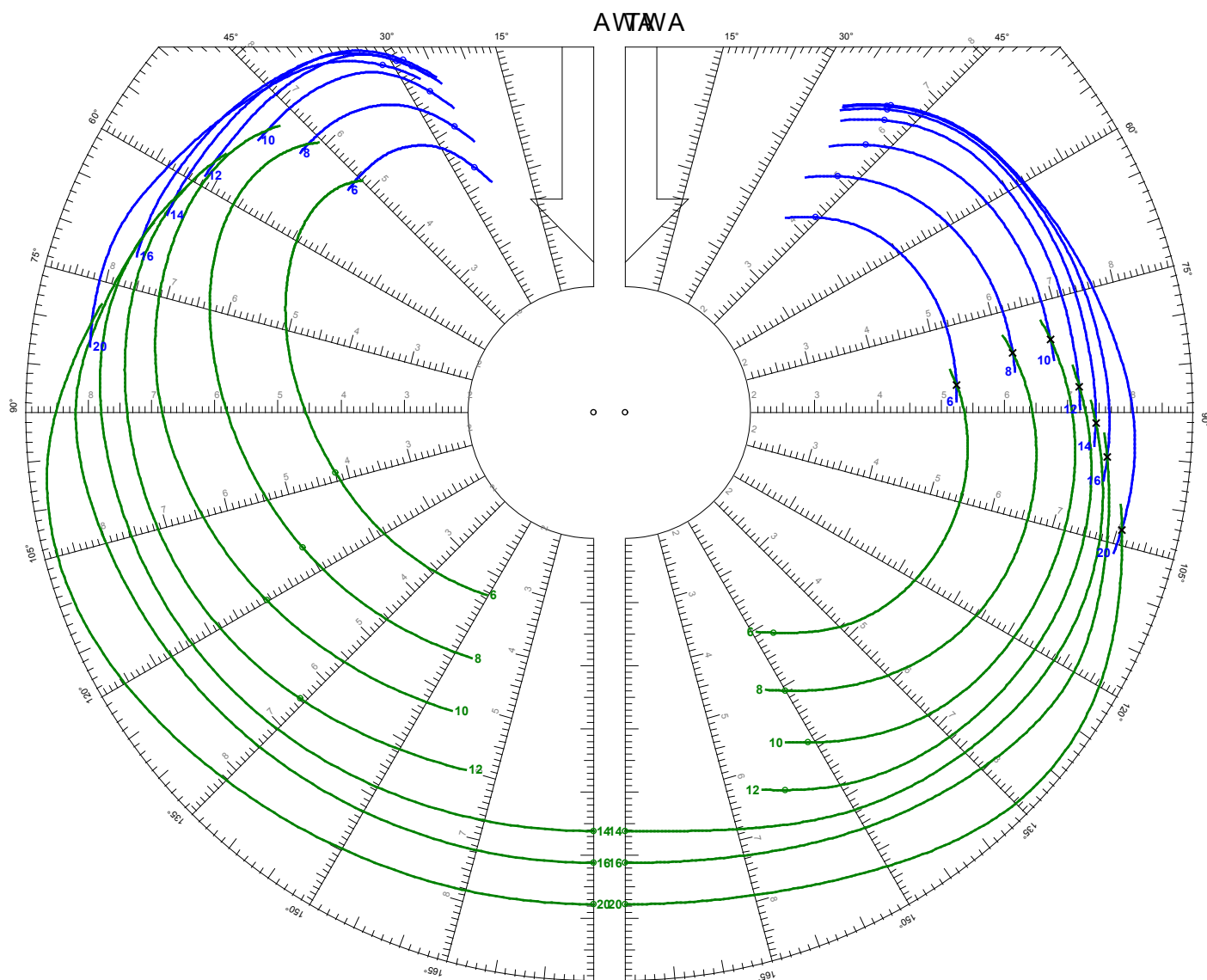


Certificate

Number **00166**
Issued On **23/06/2020**
ORC Ref **03420000L8M**
VPP Ver. **2020 1.02**
Valid until **28/02/2021**



BOAT		GPH	HULL		Crew Weight	
Name DELSPYANA Sail Nr GRE-1258		666.5	Data File GR1258 LOA 11.010m Offset File G1130.BOF MB 3.506m Displacement 6,319kg Draft 1.865m		Default 170kg Maximum 170kg Non Manual Pwr No	
CLASS			IMS Division Cruiser/Racer Dynamic All. 0.273% Fiber Rigging No Construction Solid Crew Arm Ex Aramid Core No Carbon Rudder No Light Stanchions No		Sails Limitations	
Class DEHLER 36 CWS Designer VAN DE STADT Builder DEHLER Series 01/1989 Age Date Age Allowance 0.487%			IMSL 9.483m VCGD 0.068m Sink 19.78kg/mm RL 7.206m VCGM 0.039m WS 26.52m² LSM0 9.444m Displacement/Length ratio 7.5021		Headsails 5 Spinnakers 4	
COMMENTS Freeboards raised by 6,24 mm due to fuel tank full 150 Ltr			Water Ballast 0 Trim Tab No BLR Index 0.0000		Spinnaker configuration Symmetric: Yes 84.45 Asymmetric: No Flying H/S: No Spin. Pole: Yes	
PROPELLER			CENTERBOARD			
Installation Shaft exposed PRD 0.422 Type Folding 2 blades PBW 0.101 PIPA 0.0051			N/A			
SCORING OPTIONS						
		Time on Distance	Time on Time		Owner	
Coastal or Long Distance		646.5	0.9281			
Circular Random		666.5	0.9002			
Predominantly Upwind		648.5	0.9252			
Predominantly Downwind		594.3	1.0096			



Polar Plot for Boat

Name **DELSPYANA**
Sail Number **GRE-1258**
Class **DEHLER 36 CWS**
Designer **VAN DE STADT**
Builder **DEHLER**
Issued On **23/06/2020 - VPP 2020 1.02**

2020

Double Handed Certificate Appendix

BOAT			
Name	DELSPYANA	Certificate Number	00166
Sail Nr	GRE-1258	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	1179.9	974.4	859.8	786.6	758.1	749.1	746.0	
52°	765.0	645.6	571.4	533.7	519.6	515.1	513.2	
60°	720.6	611.9	547.4	517.5	504.4	499.2	496.8	
75°	687.6	584.7	530.6	505.5	490.7	480.7	472.1	
90°	673.7	560.9	511.1	496.2	485.7	472.0	449.9	
110°	664.1	551.0	503.7	480.0	462.0	451.5	434.6	
120°	683.4	564.2	509.5	483.4	462.0	441.4	417.8	
135°	755.1	616.2	535.1	498.9	476.2	454.7	414.2	
150°	901.2	713.1	601.5	532.2	499.1	477.6	437.1	
Run VMG	1040.6	823.4	694.0	606.7	547.5	508.9	466.0	
Selected Courses								
Windward / Leeward	1110.3	898.9	776.9	696.7	652.8	629.0	606.0	
Circular Random	925.6	744.1	646.0	588.9	554.4	532.9	508.0	
Coastal / Long Distance	1103.3	841.6	696.0	606.6	562.7	531.3	483.5	
Non Spinnaker	991.8	790.0	679.3	613.8	573.7	548.7	520.7	

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	44.3°	42.0°	42.0°	41.6°	40.9°	40.5°	40.9°	
Beat VMG	3.05	3.69	4.19	4.58	4.75	4.81	4.83	
52°	4.71	5.58	6.30	6.75	6.93	6.99	7.02	
60°	5.00	5.88	6.58	6.96	7.14	7.21	7.25	
75°	5.24	6.16	6.78	7.12	7.34	7.49	7.63	
90°	5.34	6.42	7.04	7.25	7.41	7.63	8.00	
110°	5.42	6.53	7.15	7.50	7.79	7.97	8.28	
120°	5.27	6.38	7.07	7.45	7.79	8.16	8.62	
135°	4.77	5.84	6.73	7.22	7.56	7.92	8.69	
150°	3.99	5.05	5.99	6.76	7.21	7.54	8.24	
Run VMG	3.46	4.37	5.19	5.93	6.58	7.07	7.73	
Gybe Angles	146.0°	150.0°	151.0°	157.0°	180.0°	180.0°	180.0°	