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2020
International
Double Handed

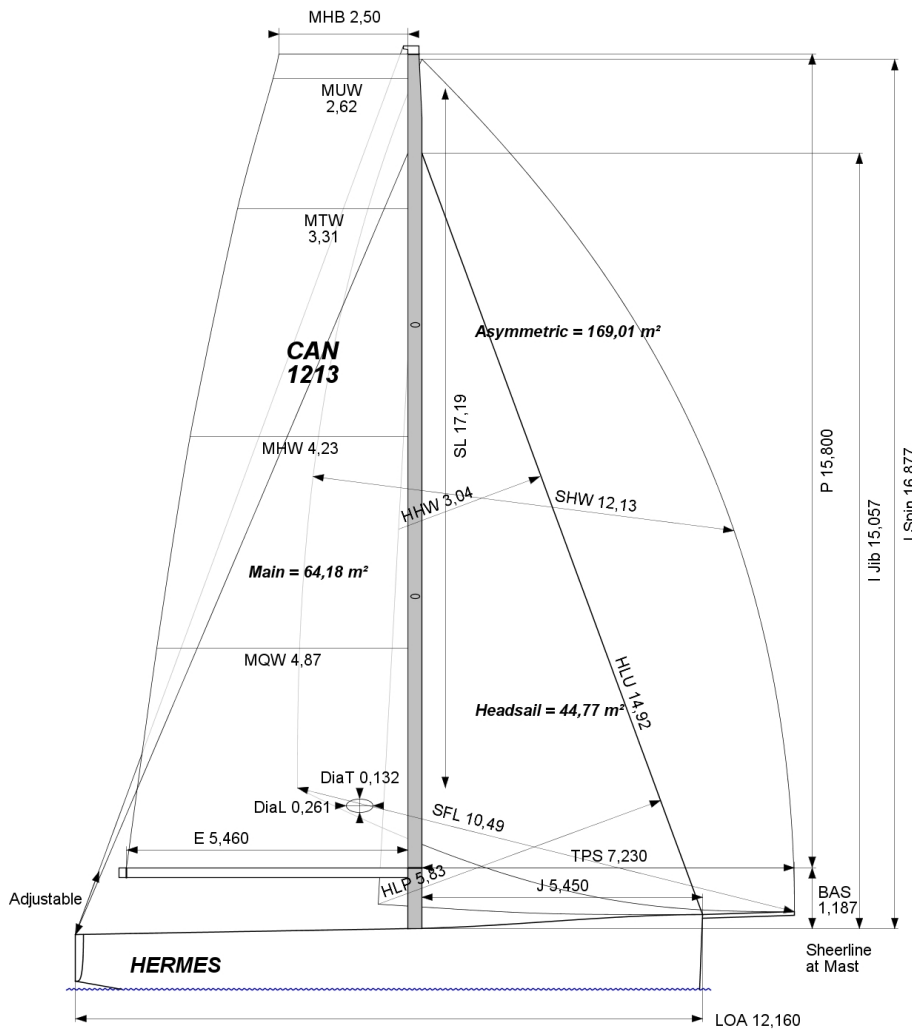
Rating Office

**Offshore
Racing
Congress**

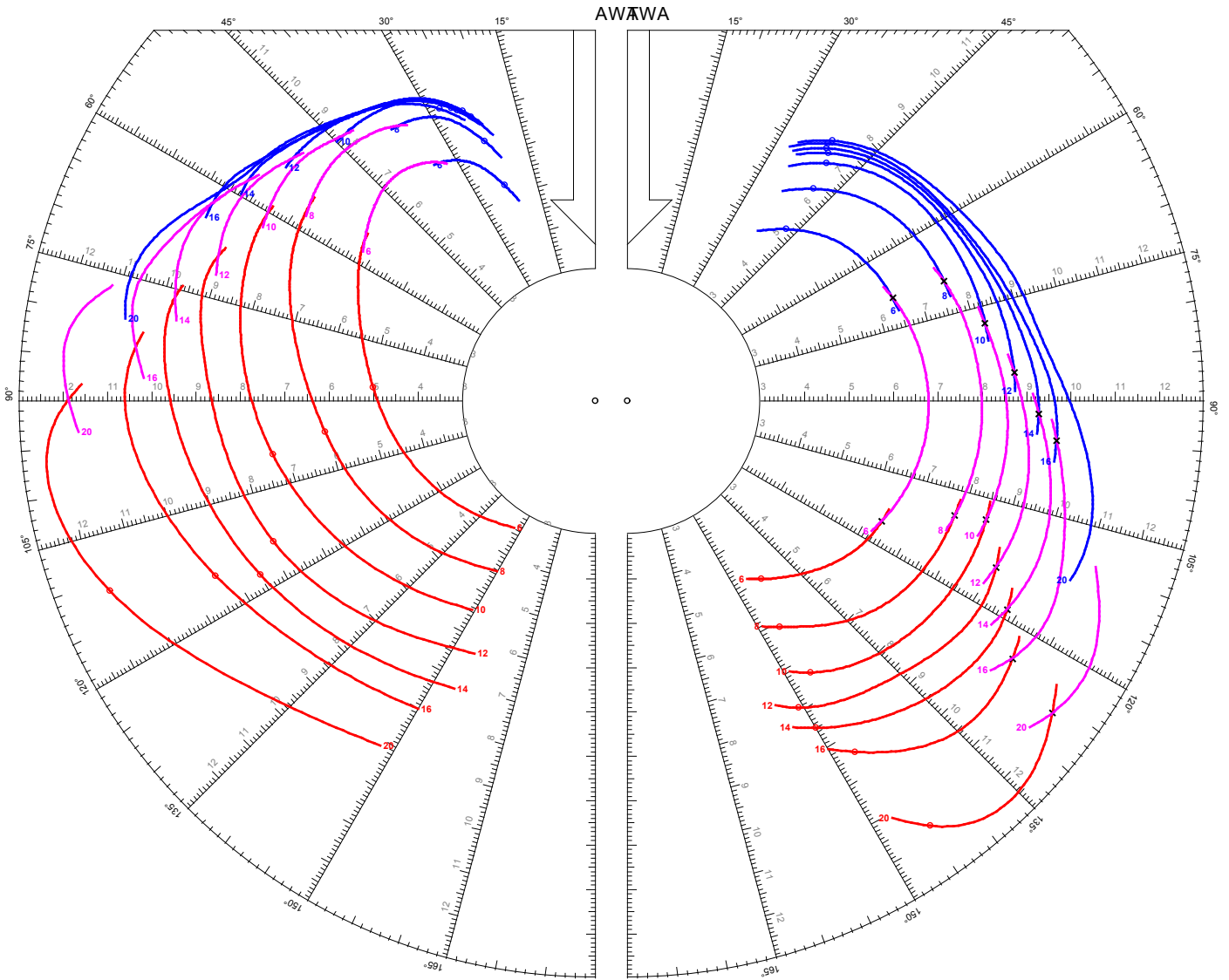


Certificate

Number **AB2001**
Issued On **16/09/2020**
ORC Ref **03430000QHL**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**



BOAT Name HERMES Sail Nr CAN 1213		GPH 549.7	HULL Data File CAN1213- LOA 12.160m Offset File Pogo1250T.off MB 4.500m Displacement 5,999kg Draft 3.051m		Crew Weight Default 170kg Maximum 170kg Non Manual Pwr No
CLASS Class Pogo 12.5 Designer Finot Cocq Builder Pogo Structures Series 07/2010 Age Date 06/2012 Age Allowance 0.325%			IMS Division Cruiser/Racer Dynamic All. 0.070% Fiber Rigging No Construction Cored Crew Arm Ex Aramid Core No Carbon Rudder No Light Stanchions No		Sails Limitations Headsails 6 Spinnakers 4 Asymmetric on centerline Spinnaker configuration Symmetric: No Asymmetric: Yes 169.01 Flying H/S: No Spin. Pole: No
COMMENTS			IMSL 12.241m VCGD -0.201m Sink 29.02kg/mm RL 10.643m VCGM -0.147m WS 35.77m² LSM0 12.561m Displacement/Length ratio 3.0270 Water Ballast 0 Trim Tab No BLR Index 0.0000		Stability (Measured) Limit Positive Stab.: 113.2° Stability Index: 110.6
PROPELLER Installation Strut PRD 0.461 Type Folding 2 blades PBW 0.130 PIPA 0.0043		CENTERBOARD N/A		Owner	
SCORING OPTIONS					
	Time on Distance	Time on Time			
Coastal or Long Distance	534.8	1.1219			
Circular Random	549.7	1.0915			
Predominantly Upwind	531.9	1.1281			
Predominantly Downwind	495.1	1.2118			



Polar Plot for Boat
 Name **HERMES**
 Sail Number **CAN 1213**
 Class **Pogo 12.5**
 Designer **Finot Cocq**
 Builder **Pogo Structures**
 Issued On **16/09/2020 - VPP 2020 1.02**

2020

Double Handed Certificate Appendix

BOAT	
Name	HERMES
Sail Nr	CAN 1213
Certificate Number	AB2001
Issued On	16/09/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	934.9	757.0	675.2	647.3	634.8	622.7	615.7
52°	613.0	505.4	463.0	451.8	446.6	442.3	435.2
60°	580.8	484.1	448.8	437.8	432.2	428.8	418.5
75°	547.9	463.9	437.8	418.7	408.4	402.0	390.9
90°	532.0	452.0	422.8	405.9	389.8	375.1	362.4
110°	554.8	462.7	423.6	392.4	363.8	346.1	321.3
120°	578.9	471.1	427.0	392.3	368.7	339.9	300.6
135°	655.3	516.3	449.7	415.5	380.5	343.2	289.9
150°	780.5	615.5	511.8	452.9	424.9	396.0	326.9
Run VMG	901.2	710.7	591.0	523.0	490.6	457.3	377.5
Selected Courses							
Windward / Leeward	918.1	733.8	633.1	585.2	562.7	540.0	496.6
Circular Random	761.8	612.6	533.0	486.8	457.5	436.7	405.7
Coastal / Long Distance	916.4	688.2	569.3	505.7	472.6	439.7	384.3
Non Spinnaker	834.1	664.5	572.1	517.2	482.4	458.6	426.9

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°	41.3°	39.9°	39.0°	38.3°	37.9°	38.3°
Beat VMG	3.85	4.76	5.33	5.56	5.67	5.78	5.85
52°	5.87	7.12	7.77	7.97	8.06	8.14	8.27
60°	6.20	7.44	8.02	8.22	8.33	8.40	8.60
75°	6.57	7.76	8.22	8.60	8.81	8.96	9.21
90°	6.77	7.96	8.51	8.87	9.24	9.60	9.93
110°	6.49	7.78	8.50	9.17	9.90	10.40	11.21
120°	6.22	7.64	8.43	9.18	9.76	10.59	11.97
135°	5.49	6.97	8.01	8.66	9.46	10.49	12.42
150°	4.61	5.85	7.03	7.95	8.47	9.09	11.01
Run VMG	3.99	5.07	6.09	6.88	7.34	7.87	9.54
Gybe Angles	143.0°	146.0°	146.0°	150.8°	150.0°	147.0°	144.5°