



World Leader in Rating Technology

2017 ORC Club Certificate

Rating Office

PATRICIO D. GUTIERREZ
C. GRIERSON Y
COSTANERASUR
Y.C.A



Certificate

Number **533301**
Issued On **12/01/2017**
ORC Ref **ARG00004030**
VPP Ver. **2017 1.00**
Valid until **31/12/2017**

Crew Weight

Declared **471kg**
Default* **503kg**
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **712,2 0,8425**
Non Spin OSN **689,2 0,8706**

Sails Limitations

Headsails **5** Spinnakers **3**

Spinnaker configuration

Symmetric: **Yes** **59,40**
Asymmetric: **Yes** **53,50**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **7,615**

Stability (Estimated)

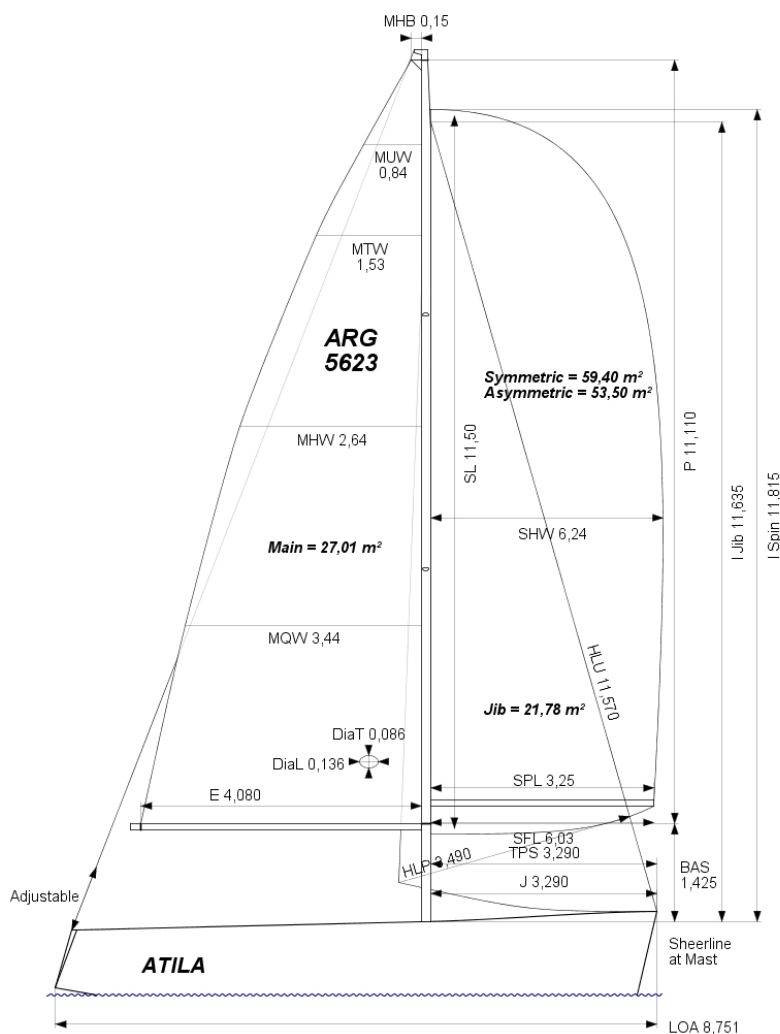
Limit Positive Stab.: **121,7°**
Stability Index: **118,0**

Owner

JUAN REVUELTO
SOLDADO DE LA
INDEPENDENCIA 1045 1B
CABA

I certify that I understand my
responsibilities under ORC Rules and
Regulations

Signature



BOAT		GPH		HULL		
Name	ATILA	680,7	Data File	ARG5623	LOA	8,751m
Sail Nr	ARG-5623		Offset File	Corum280m.off	MB	3,150m
			Displacement	3.175kg	Draft	1,649m
CLASS			IMS Division	Cruiser/Racer	Dynamic All.	0,197%
Class	CORUM 280 CR		Fwd Accom.	Yes	Construction	Solid
Designer	PGYD		Fiber Rigging	No	Aramid Core	No
Builder	Ast. CORUM		Crew Arm Ex		Carbon Rudder	No
Series	12/2007				Light Stanchions	
Age Date	12/2015		IMSL	8,186m	VCGD	-0,020m
Age Allowance	0,325%		RL	7,043m	VCGM	-0,039m
COMMENTS			WS		WS	17,74m
YCCN			LSM0	8,029m	Displacement/Length ratio	6,1342
			Water Ballast	0	Trim Tab	No
PROPELLER			CENTERBOARD			
Installation	Strut	PRD	N/A			
Type	Folding 2 blades	PBW				
		PIPA				

SCORING OPTIONS		COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance		660,8			736,3		
Time On Time		0,9079			0,9167		
Triple Number		Low	Medium	High	Low	Medium	High
Time on Distance		784,0	602,7	529,8	1016,1	742,8	634,5
Time on Time		0,8610	1,1199	1,2740	0,6643	0,9087	1,0639



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ORC Club Certificate Appendix

BOAT

Name **ATILA**
Sail Nr **ARG-5623**

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TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1178,4	979,3	868,9	795,7	763,0	746,7	732,2
52°	764,6	641,9	579,0	549,7	535,8	529,4	524,4
60°	717,3	606,1	558,8	535,3	520,3	512,2	505,7
75°	678,4	581,2	543,9	522,4	503,0	486,8	471,3
90°	678,7	574,2	531,8	506,9	493,6	479,0	446,3
110°	686,0	572,7	530,3	501,7	472,9	450,5	425,7
120°	709,4	586,1	536,9	508,6	480,2	452,4	407,4
135°	783,7	637,7	560,8	527,0	500,5	473,2	421,7
150°	921,0	730,2	619,4	556,4	526,0	501,2	451,6
Run VMG	1063,5	843,1	712,6	626,9	566,8	533,3	484,8

Selected Courses

Windward / Leeward	1121,0	911,2	790,8	711,3	664,9	640,0	608,5
Circular Random	941,1	758,9	660,5	602,4	565,8	541,1	508,4
Ocean for PCS	1152,7	890,0	741,1	649,3	588,9	546,0	484,4
Non Spinnaker	997,0	798,5	690,2	625,9	585,5	558,8	524,9

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	43,7°	42,5°	42,6°	41,0°	39,8°	39,1°	38,5°
Beat VMG	3,05	3,68	4,14	4,52	4,72	4,82	4,92
52°	4,71	5,61	6,22	6,55	6,72	6,80	6,86
60°	5,02	5,94	6,44	6,73	6,92	7,03	7,12
75°	5,31	6,19	6,62	6,89	7,16	7,40	7,64
90°	5,30	6,27	6,77	7,10	7,29	7,52	8,07
110°	5,25	6,29	6,79	7,18	7,61	7,99	8,46
120°	5,07	6,14	6,71	7,08	7,50	7,96	8,84
135°	4,59	5,64	6,42	6,83	7,19	7,61	8,54
150°	3,91	4,93	5,81	6,47	6,84	7,18	7,97
Run VMG	3,39	4,27	5,05	5,74	6,35	6,75	7,43
Gybe Angles	146,6°	150,9°	152,6°	161,5°	180,0°	180,0°	180,0°