



World Leader in Rating Technology

2017 ORC Club Certificate

Rating Office

Žemaites 6
LT-03117 Vilnius
Lithuania
+370 650 28392



Certificate

Number **LT2526**
Issued On **2017-05-19**
ORC Ref **lt00000091**
VPP Ver. **2017 1.00**
Valid until **2017-12-31**

Crew Weight

Declared **358kg**
Default* **437kg**
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **689.2 0.8706**
Non Spin OSN **670.1 0.8954**

Sails Limitations

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

Spinnaker configuration

Symmetric: **Yes 39.33**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **7.500**

Stability (Measured)

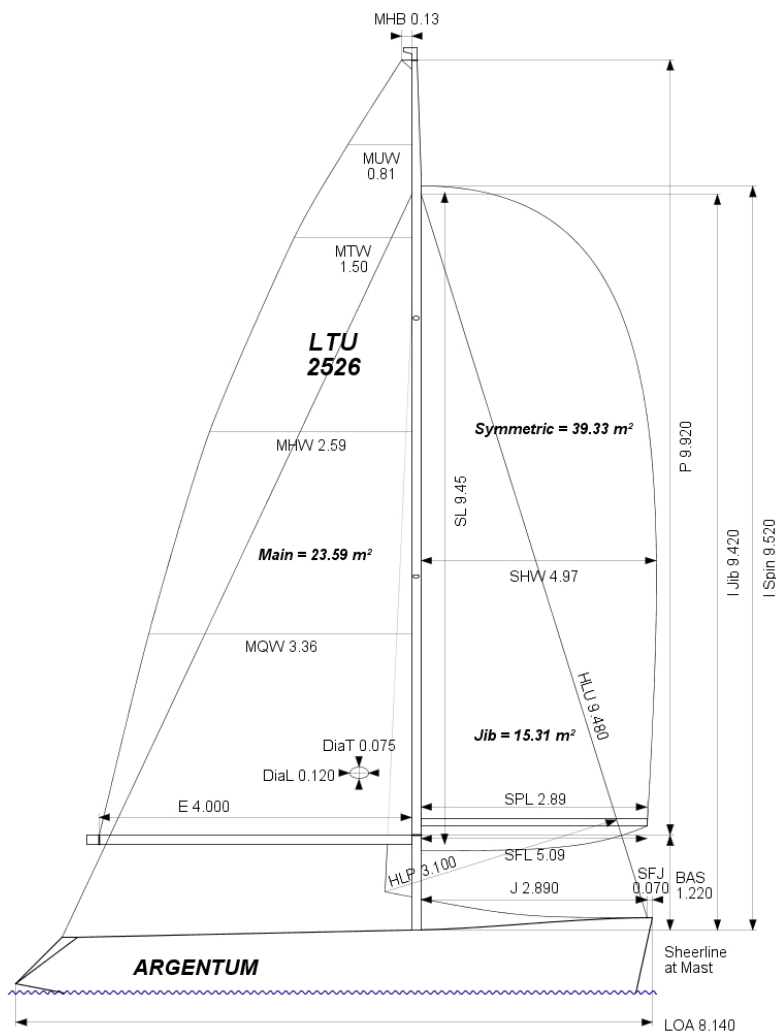
Limit Positive Stab.: **112.5°**
Stability Index: **105.2**

Owner

Saulius Budrevicius
L.Steponaitienes 4
Vilnius
Lithuania

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

Signature



BOAT Name ARGENTUM Sail Nr LTU 2526		GPH 663.4	HULL Data File Argentum LOA 8.140m Offset File DYNAMO.OFF MB 2.730m Displacement 1,571kg Draft 1.697m			
CLASS Class QUANTUM 26 Designer JAVIER SOTO Builder AST.UNIV. QUILMES Series 10-1995 Age Date 10-1995 Age Allowance 0.487%		IMS Division Sportboat Dynamic All. 0.000% Fwd Accom. No Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No				
COMMENTS		IMSL 7.607m VCGD -0.067m Sink 9.60kg/mm RL 7.393m VCGM -0.029m WS 12.24m² LSM0 7.274m Displacement/Length ratio 4.0818				
PROPELLER Type No Propeller		CENTERBOARD N/A				
SCORING OPTIONS						
Time On Distance	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	646.0			724.0		
Time On Time	0.9288			0.9323		
	Low	Medium	High	Low	Medium	High
Triple Number						
	Low	Medium	High	Low	Medium	High
Time on Distance	753.9	590.8	521.4	976.0	725.2	636.0
	0.8953	1.1425	1.2945	0.6916	0.9308	1.0614
Time on Time						
	0.8953	1.1425	1.2945	0.6916	0.9308	1.0614

BOAT	
Name ARGENTUM	Sail Nr LTU 2526
File Argentum LTU2526	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS		
Inclining Test Current Inclining		
Flotation date 27-06-2014		SG 1.0260
FFM 0.961	FF 0.961	SFFP 0.080
FAM 0.712	FA 0.712	SAFP 7.359
W1 22.2	PD1 468.3	WD 7.830
W2 22.2	PD2 468.8	GSA 1.0
W3 22.2	PD3 467.4	RSA 1.0
W4 22.2	PD4 467.4	PLM 9000.0
LCF from stem on CL / on sheer		4.454 / 4.643
Maximum beam station from stem		5.289
RM Measured		29.3kg·m
RM Default		33.1kg·m
Limit of positive stability / Stab.Index		112.5° / 105.2
Freeboard at mast at 2.960		0.797

RIG				
Forestay Tension Aft	Spreaders 2			
Inner Stay None Fitted	Runners 1			
Carbon Mast No	Jumper Struts None			
Taper Hollows No	Jib Furler No			
Fiber Rigging No	Main Furler No			
Lenticular Rigging No	Without Backstay Yes			
Articulated Bowsprit No				
P 9.920	E 4.000	MDT1 0.075	MW 0.120	
IG 9.420	J 2.890	MDL1 0.120	GO 0.145	
ISP 9.520	SFJ 0.070	MDT2 0.065	BD 0.120	
BAS 1.220	SPL 2.890	MDL2 0.068	MWT 49.00	
FSP 0.000	TPS	TL 1.500	MCG 3.380	



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2017 Measurements Datasheet

MIZZEN RIG AND SAILS	
N/A	

PROPELLER	
Type No Propeller	

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COMMENTS	

MOVEABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS INVENTORY																
MANSAL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
2005	0.130	0.81	1.50	2.59	3.36	23.59	478	27-05-2014	Concept	Kevlar						
HEADSAILS (3)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
#2	0.05	0.46	0.86	1.65	2.40	3.10	9.48	107%	15.31	Y	478	478	25-06-2014	Concept	Technor	
#1	0.05	0.46	0.86	1.65	2.40	3.10	9.48	107%	15.31	Y	475	475	25-06-2014	Concept	Kevlar	
#3	0.05	0.41	0.79	1.53	2.29	3.05	9.28	106%	14.27	Y	478	478	25-06-2014		Kevlar	
SYMMETRIC SPINNAKERS (3)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
S4	9.45	9.45	9.45	4.97	5.09	39.33	478	25-06-2014	Concept	Nylon						
S2	9.38	9.38	9.38	4.80	4.72	37.39	478	25-06-2014	Concept	Nylon						
S1	9.29	9.29	9.29	3.98	4.92	32.27	478	25-06-2014	Concept	Nylon						
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				

MEASUREMENT INVENTORY				
Measurer EDURADO GENOVES 478				
Date 27-06-2014				
Comment				
Id	Item	Weight	Distance	VCG Description
Id	Item	Weight Description		

MEASUREMENT INVENTORY				
Id	Item	Weight	Distance	VCG Description



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2017

ORC Club Certificate Appendix

BOAT	
Name	ARGENTUM
Certificate Number	LT2526
Sail Nr	LTU 2526
Issued On	2017-05-19

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1093.6	908.5	810.4	776.6	762.2	754.8	748.0
52°	715.8	605.8	565.6	551.2	543.9	539.8	530.8
60°	673.6	583.3	550.8	532.8	523.1	517.4	505.8
75°	639.6	567.8	536.4	508.0	487.8	477.9	469.7
90°	641.1	566.9	529.8	503.1	472.4	447.9	427.3
110°	665.2	568.0	527.0	484.9	454.4	434.5	404.1
120°	690.4	579.4	536.7	496.5	456.0	416.4	379.5
135°	771.4	626.2	562.4	526.6	488.7	450.8	372.1
150°	920.2	726.9	615.2	559.0	525.4	490.2	420.2
Run VMG	1062.5	839.4	706.6	623.3	567.4	533.8	468.6

Selected Courses							
Windward / Leeward	1078.1	873.9	758.5	700.0	664.8	644.3	608.3
Circular Random	907.8	736.2	644.5	590.6	556.3	532.1	497.6
Ocean for PCS	1115.9	864.1	722.5	635.3	576.9	534.1	470.9
Non Spinnaker	952.6	768.0	668.7	610.4	573.4	547.7	510.8

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	43.0°	41.9°	39.9°	38.6°	38.0°	37.7°	37.9°
Beat VMG	3.29	3.96	4.44	4.64	4.72	4.77	4.81
52°	5.03	5.94	6.36	6.53	6.62	6.67	6.78
60°	5.34	6.17	6.54	6.76	6.88	6.96	7.12
75°	5.63	6.34	6.71	7.09	7.38	7.53	7.66
90°	5.62	6.35	6.79	7.16	7.62	8.04	8.43
110°	5.41	6.34	6.83	7.42	7.92	8.29	8.91
120°	5.21	6.21	6.71	7.25	7.89	8.65	9.49
135°	4.67	5.75	6.40	6.84	7.37	7.99	9.68
150°	3.91	4.95	5.85	6.44	6.85	7.34	8.57
Run VMG	3.39	4.29	5.09	5.78	6.34	6.74	7.68
Gybe Angles	145.4°	150.0°	153.1°	166.1°	180.0°	180.0°	180.0°