



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

Žemaites 6
LT-03117 Vilnius
Lithuania
+370 650 28392



Certificate

Number **LT333**
Issued On **2018-05-31**
ORC Ref **lt00000563**
VPP Ver. **2018 0.02b**
Valid until **2018-12-31**

Crew Weight

Declared **480kg**
Default* **482kg**
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **689,9** **0,8697**
Non Spin OSN **669,5** **0,8962**

Sails Limitations

Headsails **1** Spinnakers **3**

Spinnaker configuration

Symmetric: **No**
Asymmetric: **Yes** **55,01**
Flying H/S: **No**
Spin. Pole: **No**

Class Division Length

CDL = **7,750**

Stability (Measured)

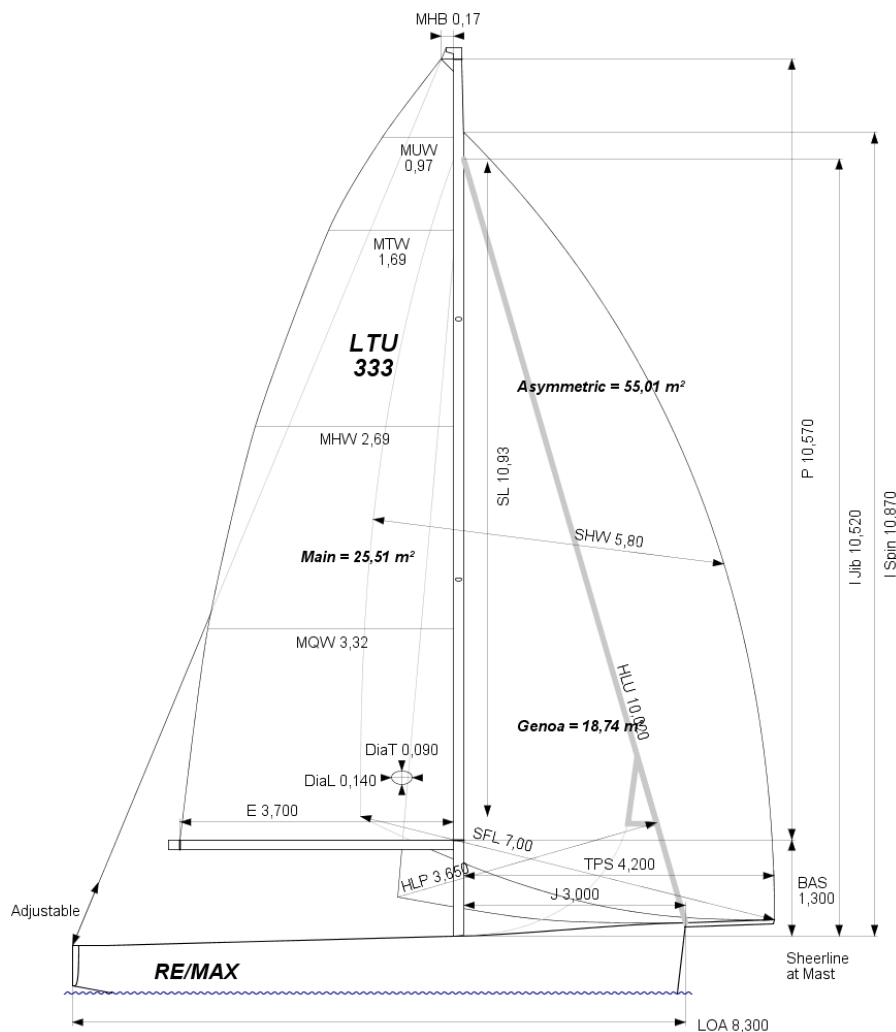
Limit Positive Stab.: **105,6°**
Stability Index: **100,5**

Owner

Buriuotoju klubas "LTU 333"
Kurpiu g. 11-2, Kaunas

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

Signature



BOAT		GPH		HULL		
Name RE/MAX Sail Nr LTU 333		653,8		Data File ReMax LTU333	LOA 8,300m	
				Offset File RS280.OFF	MB 2,656m	
				Displacement 1.860kg	Draft 1,724m	
CLASS						
Class RS280						
Designer UAB Plastolitas						
Builder UAB Plastolitas						
Series 06-1998						
Age Date 04-2002						
Age Allowance 0,487%						
COMMENTS						
PROPELLER		CENTERBOARD				
Type No Propeller		N/A				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	637,6			722,1		
Time On Time	0,9411			0,9348		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	738,8	582,3	521,0	951,5	720,2	644,9
Time on Time	0,9136	1,1592	1,2957	0,7094	0,9372	1,0467

BOAT	
Name RE/MAX	Sail Nr LTU 333
File ReMax LTU333	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS		
Inclining Test Current Inclining		
Flotation date	SG 1,0000	
FFM 0,925	FF 0,934	SFFP 0,499
FAM 0,645	FA 0,648	SAFP 7,839
W1 33,5	PD1 249,0	WD 7,450
W2 33,5	PD2 247,0	GSA 50,2
W3 33,5	PD3 248,0	RSA 5407,9
W4 33,5	PD4 247,0	PLM 2500,0
LCF from stem on CL / on sheer	4,476 / 4,620	
Maximum beam station from stem	6,000	
RM Measured	43,7kg·m	
RM Default	48,1kg·m	
Limit of positive stability / Stab.Index	105,6° / 100,5	
Freeboard at mast at 3,000	0,770	



World Leader in Rating Technology

2018

Measurements Datasheet

RIG				
Forestay Tension Aft	Spreaders 2			
Inner Stay None Fitted	Runners 0			
Carbon Mast No	Jumper Struts None			
Taper Hollows Yes	Jib Furler Yes			
Fiber Rigging No	Main Furler No			
Lenticular Rigging No	Without Backstay No			
Articulated Bowsprit No				
P 10,570	E 3,700	MDT1 0,090	MW 0,140	
IG 10,520	J 3,000	MDL1 0,140	GO 0,150	
ISP 10,870	SFJ 0,000	MDT2 0,090	BD 0,130	
BAS 1,300	SPL 0,000	MDL2 0,110	MWT 79,50	
FSP 0,048	TPS 4,200	TL 1,124	MCG 4,470	

Certificate


Number **LT333**

ORC Ref **k00000563**

Issued On **2018-05-31**

VPP Ver. **2018 0.02b**

Valid until **2018-12-31**



MIZZEN RIG AND SAILS	
N/A	

PROPELLER	
Type No Propeller	

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					
M0041	0,165	0,97	1,69	2,69	3,32	25,51			NS	Unknown						
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
J0049	0,10					3,65	10,02	122%	18,74	Y				NS	Unknown	
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				
G0048	11,92	9,94	10,93	5,80	7,00	55,01	asym			NS	Nylon					

MEASUREMENT INVENTORY					
Measurer Vytautas Gričius					
Date					
Comment					
Id	Item	Weight	Distance	VCG Description	
B/N	Anchor	8,0	3,40		
B/N	Chain	3,5	3,40		
B/N	Tools	5,0	3,90		
Id	Item	Weight	Description		

MEASUREMENT INVENTORY				
Id	Item	Weight	Distance	VCG Description
B/N	Battery	6,0	3,00	
B/n	Misc	2,0	5,40	Paddle
B/N	Misc	4,0	3,40	Fire-extinguisher



World Leader in Rating Technology

2018

ORC Club Certificate Appendix

BOAT

Name **RE/MAX** Certificate Number **LT333**
 Sail Nr **LTU 333** Issued On **2018-05-31**

TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1089,1	899,9	797,6	769,7	763,0	762,9	760,0
52°	716,0	602,4	558,5	545,2	540,1	537,9	531,1
60°	677,7	580,5	544,7	528,2	521,5	518,0	507,9
75°	648,6	566,2	533,0	506,2	488,8	480,5	474,1
90°	646,6	554,2	519,5	500,0	471,9	449,2	430,3
110°	645,2	551,5	508,4	468,3	441,1	421,8	391,2
120°	666,0	561,8	518,5	475,4	433,7	399,0	361,1
135°	742,0	602,6	543,9	505,8	465,9	425,7	346,3
150°	877,0	696,8	594,9	549,7	520,3	490,2	413,4
Run VMG	1012,6	804,6	686,9	632,9	581,4	542,9	477,4

Selected Courses

Windward / Leeward	1050,9	852,2	742,3	701,3	672,2	652,9	618,7
Circular Random	891,1	723,4	634,9	584,2	552,6	530,4	497,2
Ocean for PCS	1089,2	846,4	710,9	628,1	572,7	531,4	468,2
Non Spinnaker	958,9	770,0	668,6	609,7	573,2	548,5	513,7

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	42,5°	41,4°	39,5°	38,4°	38,5°	39,2°	39,8°
Beat VMG	3,31	4,00	4,51	4,68	4,72	4,72	4,74
52°	5,03	5,98	6,45	6,60	6,67	6,69	6,78
60°	5,31	6,20	6,61	6,82	6,90	6,95	7,09
75°	5,55	6,36	6,75	7,11	7,36	7,49	7,59
90°	5,57	6,50	6,93	7,20	7,63	8,01	8,37
110°	5,58	6,53	7,08	7,69	8,16	8,53	9,20
120°	5,41	6,41	6,94	7,57	8,30	9,02	9,97
135°	4,85	5,97	6,62	7,12	7,73	8,46	10,40
150°	4,11	5,17	6,05	6,55	6,92	7,34	8,71
Run VMG	3,56	4,47	5,24	5,69	6,19	6,63	7,54
Gybe Angles	144,5°	147,9°	149,4°	151,4°	176,1°	177,8°	141,8°