



World Leader in Rating Technology

2017 ORC Club Certificate

Rating Office

Žemaites 6
LT-03117 Vilnius
Lithuania
+370 650 28392



Certificate

Number **LT2037**
Issued On **2017-05-11**
ORC Ref **lt00000081**
VPP Ver. **2017 1.00**
Valid until **2017-12-31**

Crew Weight

Declared **400kg**
Default* **587kg**
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **687.3 0.8730**
Non Spin OSN **664.9 0.9024**

Sails Limitations

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

Spinnaker configuration

Symmetric: **Yes 81.39**
Asymmetric: **Yes 72.16**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = 8.486

Stability (Estimated)

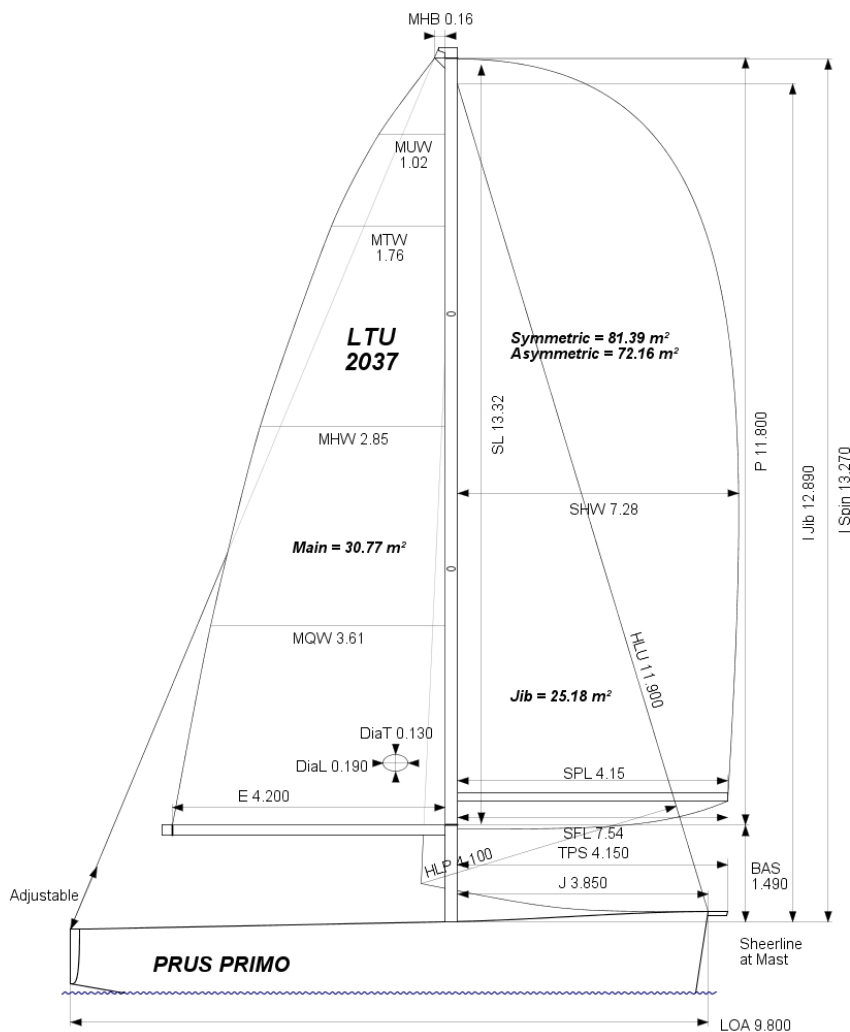
Limit Positive Stab.: **108.6°**
Stability Index: **104.1**

Owner

UAB "ŽMOGAUS STUDIJU
CENTRAS"
Traku g. 8
Vilnius
Lithuania

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

Signature



BOAT		GPH		HULL		
Name PRUS PRIMO Sail Nr LTU 2037		648.5		Data File PrusPrimo	LOA 9.800m	
				Offset File SF3200s.OFF	MB 3.490m	
				Displacement 3,944kg	Draft 1.926m	
CLASS						
Class SUN FAST 3200						
Designer						
Builder JEANNEAU						
Series 06-2008						
Age Date 06-2008						
Age Allowance 0.292%						
COMMENTS						
PROPELLER		CENTERBOARD				
Installation Strut	PRD 0.420	N/A				
Type Folding 2 blades	PBW 0.080					
	PIPA 0.0032					
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	628.6			705.7		
Time On Time	0.9546			0.9565		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	755.0	571.4	501.7	983.1	710.8	609.5
Time on Time	0.8940	1.1813	1.3455	0.6866	0.9497	1.1075

BOAT	
Name PRUS PRIMO	Sail Nr LTU 2037
File PrusPrimo LTU2037	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS		
Inclining Test Club Estimated VCG		
Flotation date 11-06-2016	SG 1.0000	
FFM 1.235	FF 1.243	SFFP 0.230
FAM 0.972	FA 0.976	SAFP 9.520
LCF from stem on CL / on sheer		5.481 / 5.736
Maximum beam station from stem		7.360
RM Measured		104.3kg·m
RM Default		101.3kg·m
Limit of positive stability / Stab.Index		108.6° / 104.1
Freeboard at mast at 3.850		1.085

RIG				
Forestay Tension Aft	Spreaders 2			
Inner Stay None Fitted	Runners 0			
Carbon Mast No	Jumper Struts None			
Taper Hollows No	Jib Furler No			
Fiber Rigging No	Main Furler No			
Lenticular Rigging No	Without Backstay No			
Articulated Bowsprit No				
P 11.800	E 4.200	MDT1 0.130	MW	
IG 12.890	J 3.850	MDL1 0.190	GO	
ISP 13.270	SFJ	MDT2	BD	
BAS 1.490	SPL 4.150	MDL2	MWT 135.00	
FSP	TPS 4.150	TL	MCG 5.250	



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2017
Measurements
Datasheet

MIZZEN RIG AND SAILS	
N/A	

PROPELLER		
Installation Strut	PRD 0.420	
Type Folding 2 blades	PBW 0.080	
Twin Screw No	PIPA 0.0032	
ST1 0.038	ST3 0.170	ST5 0.240
ST2 0.170	ST4 0.105	EDL 1.410

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COMMENTS	

MOVEABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS INVENTORY																
MAINSAIL (2)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
2	0.160	1.02	1.76	2.85	3.61	30.77	LBS #6	10-06-2016	Quantum	Kevlar						
6	0.154	0.92	1.69	2.82	3.62	30.40	Jinadari Menaka	18-01-2011	NS	Kevlar						
HEADSAILS (3)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
01	0.10	0.60	1.13	2.13	3.14	4.10	11.90	106%	25.18	Y	G.	G.	06-05-2017			Vectran
02	0.06	0.53	1.07	2.08	3.10	4.07	12.11	106%	25.08	Y	G.	G.	06-05-2017			Vectran
3						3.69	11.93	96%	22.41			V.Stankus	22-07-2010	NS		Kevlar
SYMMETRIC SPINNAKERS (2)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
4	13.32	13.32	13.32	7.28	7.54	81.39	V.Stankus	22-07-2010	NS	Nylon						
8	13.56	13.56	13.56	7.20	7.20	81.36			NS	Nylon						
ASYMMETRIC SPINNAKERS (2)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				
3	13.56	12.12	12.84	6.53	7.60	72.16	asym		07-05-2015	EG	Unknown					
1	12.93	12.19	12.56	4.85	6.46	54.13	asym				Unknown					



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2017

ORC Club Certificate Appendix

BOAT	
Name	PRUS PRIMO
Sail Nr	LTU 2037
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1161.0	953.2	836.3	761.8	735.7	725.4	719.3
52°	748.8	623.2	552.3	518.8	507.1	502.3	498.6
60°	699.9	586.8	529.8	503.5	490.5	485.2	481.8
75°	660.7	558.7	514.3	490.9	471.4	456.9	447.1
90°	654.4	542.4	498.9	481.4	468.6	448.0	415.1
110°	651.6	538.6	494.9	465.5	440.7	424.6	399.4
120°	671.0	550.9	501.2	471.5	440.6	413.9	378.2
135°	740.7	598.9	524.9	491.0	463.3	434.2	375.3
150°	879.7	694.6	586.0	522.6	491.5	465.9	413.3
Run VMG	1015.8	802.1	676.2	594.7	539.5	502.9	452.9

Selected Courses							
Windward / Leeward	1088.4	877.7	756.2	678.3	637.6	614.2	586.1
Circular Random	903.9	725.4	628.5	571.5	536.0	512.4	481.8
Ocean for PCS	1109.3	852.2	706.3	616.4	557.4	515.8	456.9
Non Spinnaker	973.5	774.6	665.2	599.9	559.1	532.4	499.5

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	44.2°	43.0°	42.7°	41.4°	40.4°	40.6°	41.0°
Beat VMG	3.10	3.78	4.30	4.73	4.89	4.96	5.01
52°	4.81	5.78	6.52	6.94	7.10	7.17	7.22
60°	5.14	6.13	6.80	7.15	7.34	7.42	7.47
75°	5.45	6.44	7.00	7.33	7.64	7.88	8.05
90°	5.50	6.64	7.22	7.48	7.68	8.04	8.67
110°	5.52	6.68	7.27	7.73	8.17	8.48	9.01
120°	5.37	6.53	7.18	7.63	8.17	8.70	9.52
135°	4.86	6.01	6.86	7.33	7.77	8.29	9.59
150°	4.09	5.18	6.14	6.89	7.32	7.73	8.71
Run VMG	3.54	4.49	5.32	6.05	6.67	7.16	7.95
Gybe Angles	145.3°	149.3°	150.7°	157.2°	180.0°	180.0°	180.0°