



ORC
Offshore Racing Congress
World leader in rating technology

**2019
ORC Club
Certificate**

Rating Office

A.Goštauto g. 40 A
LT-03163, Vilnius
Lithuania
+370 650 28392



Certificate

Number **LT1001**
Issued On **2019-07-16**
ORC Ref **lt00000984**
VPP Ver. **2019 1.01**
Valid until **2019-12-31**

Crew Weight

Default 589kg
Maximum **429kg**
Minimum* **322kg**
**when applied by the NoR and SI*
Non Manual Pwr

Special Scoring

ToD ToT
Non Spin GPH **711,6 0,8432**
Non Spin OSN **687,8 0,8724**

Sails Limitations

Headsails **5** Spinnakers **3**
Dacron Sails

Spinnaker configuration
Symmetric: **Yes 53,35**
Asymmetric: **Yes 67,27**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = 8,152

Stability (Estimated)

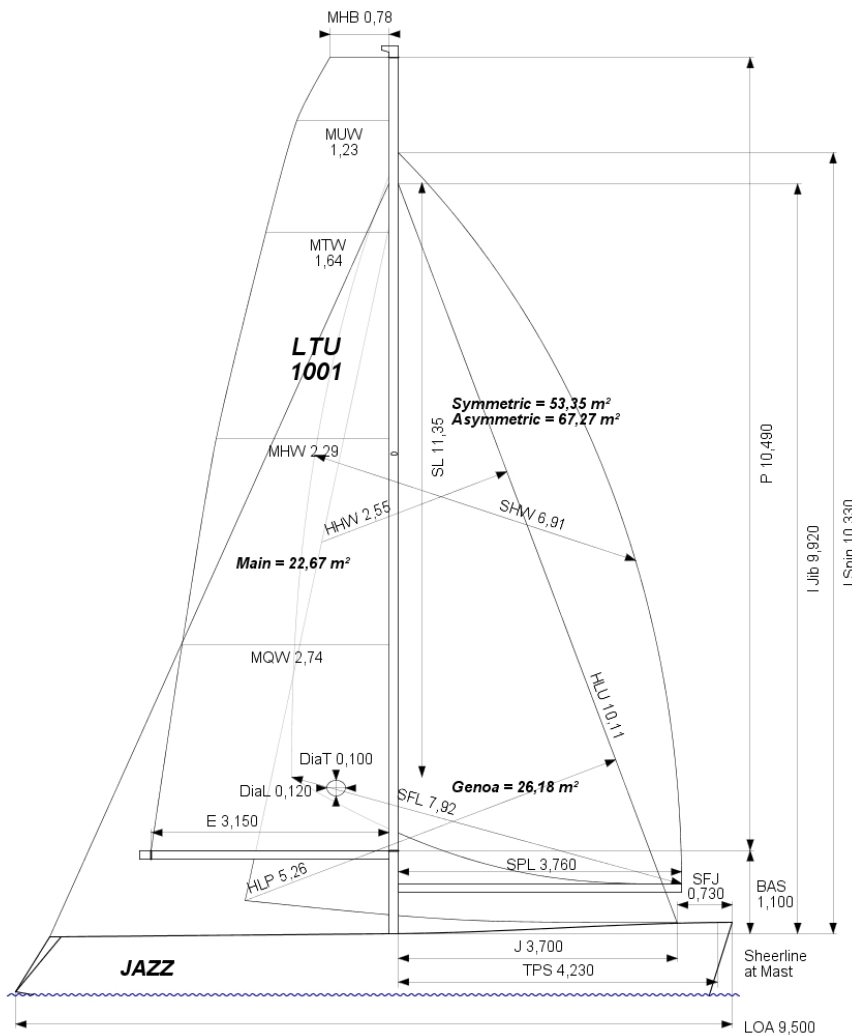
Limit Positive Stab.: **110,2°**
Stability Index: **112,8**

Owner

Gintautas Burnickas
Parbio 23-30, Vilnius

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

Signature



BOAT Name JAZZ Sail Nr LTU 1001		GPH 675,5	HULL Data File Jazz LTU1001 LOA 9,500m Offset File dominant95cl.of MB 2,730m Displacement 3,223kg Draft 1,759m			
CLASS Class Dominant 95 Designer Builder Series 12-1978 Age Date 12-1978 Age Allowance 0,487%		IMS Division Cruiser/Racer Dynamic All. 0,293% Fwd Accom. Yes Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No		IMSL 8,978m VCGD -0,102m Sink 14,09kg/mm RL 7,326m VCGM -0,002m WS 19,82m² LSMO 8,961m Displacement/Length ratio 4,4791		
COMMENTS		Water Ballast 0 Trim Tab No BLR Index 0,0000		CENTERBOARD N/A		
PROPELLER Installation Strut PRD 0,355 Type Folding 2 blades PBW 0,095 PIPA 0,0030						
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	654,3			731,4		
Time on Time	0,9171			0,9229		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	786,6	594,3	528,0	1023,2	734,5	636,0
Time on Time	0,8581	1,1357	1,2784	0,6597	0,9190	1,0614

BOAT	
Name JAZZ	Sail Nr LTU 1001
File Jazz LTU1001	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS		
Inclining Test Club Estimated VCG		
Flotation date	SG 1,000	
FFM 0,945	FF 0,961	SFFP 0,310
FAM 0,770	FA 0,779	SAFP 8,900
LCF from stem on CL / on sheer		5,414 / 5,585
Maximum beam station from stem		6,060
RM Measured		63,8kg·m
RM Default		61,9kg·m
Limit of positive stability / Stab.Index		110,2° / 112,8
Freeboard at mast at 4,430		0,807



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2019
Measurements
Datasheet


RIG				
Forestay Tension Aft	Spreaders 1			
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 10,490	E 3,150	MDT1 0,100	MW	
IG 9,920	J 3,700	MDL1 0,120	GO	
ISP 10,330	SFJ 0,730	MDT2 0,100	BD	
BAS 1,100	SPL 3,760	MDL2 0,120	MWT 95,60	
FSP	TPS 4,230	TL	MCG 4,516	

MIZZEN RIG AND SAILS	
N/A	

PROPELLER		
Installation Strut	PRD 0,355	
Type Folding 2 blades	PBW 0,095	
Twin Screw No	PIPA 0,0030	
ST1 0,048	ST3 0,170	ST5 0,250
ST2 0,170	ST4 0,098	EDL 1,875

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COMMENTS

MOVABLE BALLAST
N/A

CENTERBOARD
N/A

SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
M1	0,78	1,23	1,64	2,29	2,74	22,68				Polyester						
HEADSAILS (3)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
J1	0,05	0,65	1,27	2,55	3,87	5,26	10,11	142%	26,18						Polyest	
J2	0,09	0,58	1,14	2,34	3,63	4,98	9,93	135%	23,99						Polyest	
J3	0,24	0,71	1,18	2,02	2,79	3,47	9,14	94%	17,72						Polyest	
SYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
S1	9,65	9,65	9,65	6,80	5,97	53,35	Vilius Tamkvaitis	29-06-2017		Unknown						
ASYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				
2	12,30	10,40	11,35	6,91	7,92	67,27	asym		23-07-2018		Unknown					

2019

ORC Club Certificate Appendix

BOAT	
Name JAZZ	Certificate Number LT1001
Sail Nr LTU 1001	Issued On 2019-07-16

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1172,1	963,5	843,6	780,2	759,6	751,8	759,7
52°	759,8	638,9	569,9	541,2	531,4	527,3	526,6
60°	716,0	606,8	551,3	527,3	516,4	511,9	509,5
75°	686,6	582,9	538,0	515,5	500,0	489,5	481,4
90°	689,7	572,3	525,2	507,4	494,9	477,6	452,1
110°	678,5	561,2	516,6	489,6	465,0	449,1	427,1
120°	704,8	574,2	522,5	493,4	464,2	437,4	399,8
135°	806,6	638,3	547,2	511,9	484,2	454,6	396,0
150°	950,3	744,8	619,2	544,6	512,5	487,1	433,0
Run VMG	1097,3	860,0	715,0	620,6	562,6	524,4	474,5
Selected Courses							
Windward / Leeward	1134,7	911,8	779,3	700,4	661,1	638,1	617,1
Circular Random	941,0	754,8	654,4	596,2	560,9	538,3	511,6
Coastal / Long Distance	1130,9	854,3	700,6	612,7	570,6	537,4	484,5
Non Spinnaker	1004,1	800,1	688,7	623,2	583,2	557,7	527,7

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	44,4°	42,1°	41,2°	40,1°	39,5°	39,2°	39,9°
Beat VMG	3,07	3,74	4,27	4,61	4,74	4,79	4,74
52°	4,74	5,63	6,32	6,65	6,77	6,83	6,84
60°	5,03	5,93	6,53	6,83	6,97	7,03	7,07
75°	5,24	6,18	6,69	6,98	7,20	7,35	7,48
90°	5,22	6,29	6,85	7,10	7,27	7,54	7,96
110°	5,31	6,42	6,97	7,35	7,74	8,02	8,43
120°	5,11	6,27	6,89	7,30	7,75	8,23	9,00
135°	4,46	5,64	6,58	7,03	7,43	7,92	9,09
150°	3,79	4,83	5,81	6,61	7,02	7,39	8,31
Run VMG	3,28	4,19	5,04	5,80	6,40	6,86	7,59
Gybe Angles	146,0°	149,9°	148,5°	156,7°	173,6°	180,0°	180,0°