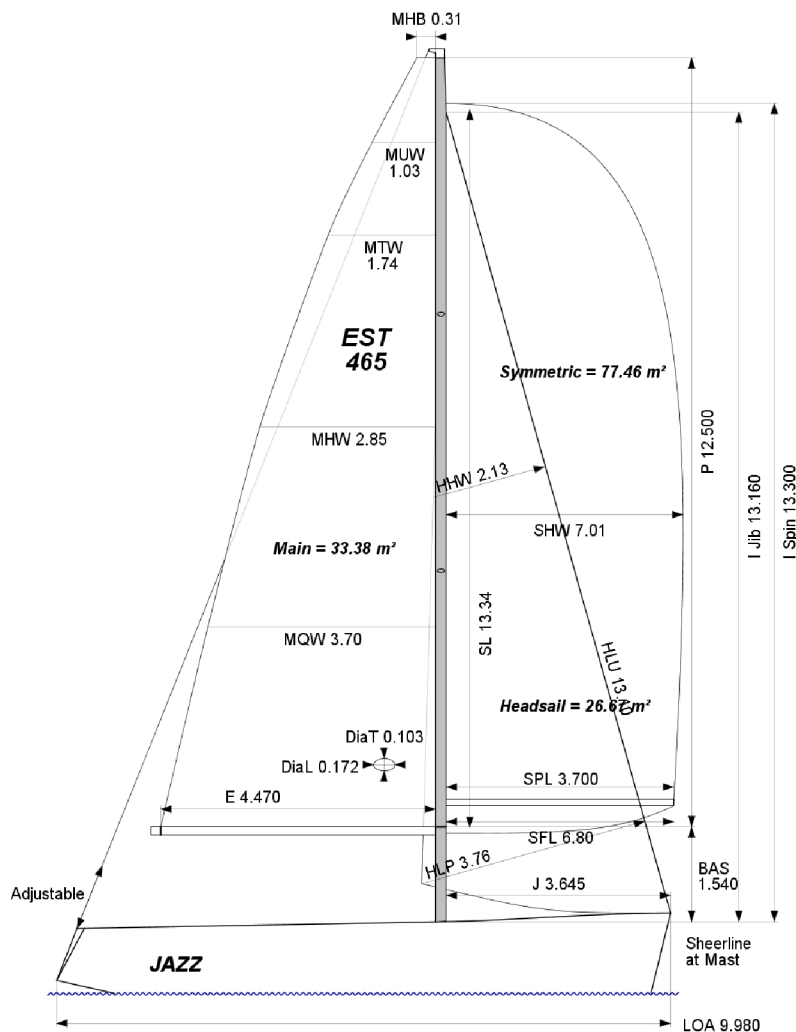




BOAT		GPH	HULL	
Name	JAZZ	640.9	Data File	EST465 LOA 9.980m
Sail Nr	EST 465		Offset File	F235B.off MB 3.372m
			Displacement	4,440kg Draft 1.989m
CLASS				
Class	First 34.7			
Designer	Farr			
Builder	Beneteau			
Series	10/2005			
Age Date	05/2007			
Age Allowance	0.487%			
COMMENTS				
PROPELLER		CENTERBOARD		
Installation	Strut	PRD	0.410	N/A
Type	Folding 2 blades	PBW	0.118	
		PIPA	0.0027	

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	622.1			693.1		
Time on Time	0.9645			0.9739		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	737.2	566.9	504.3	952.7	695.9	603.3
Time on Time	0.9156	1.1907	1.3386	0.7085	0.9699	1.1189



Rating Office
Estonian Yachting Union
 Purje 8, maja 3
 11911 Tallinn
 Estonia



Certificate
 Number **060-20**
 Issued On **17/06/2020**
 ORC Ref **03880000KQO**
 VPP Ver. **2020 1.02**
 Valid until **31/12/2020**

Crew Weight
 Default **586kg**
 Maximum **715kg**
 Minimum* **536kg**
 *when applied by the NoR and SI
 Non Manual Pwr **No**

Special Scoring
 ToD ToT
 Non Spin GPH **675.3 0.8885**
 Non Spin OSN **653.6 0.9180**

Sails Limitations
 Headsails **5** Spinnakers **4**

Spinnaker configuration
 Symmetric: **Yes 77.46**
 Asymmetric: **No**
 Flying H/S: **No**
 Spin. Pole: **Yes**

Class Division Length
 CDL = **8.634**

Stability (Measured)
 Limit Positive Stab.: **128.8°**
 Stability Index: **127.8**

CENTERBOARD	
	N/A

Material	Comment
Unknown	3Di Light 2019
Unknown	3Di Medium 2019
Carbon	3Di_Medium_2015
Unknown	3Di_Heavy 2018

ment	
2020	
Pesulad	
Cognac	
20 Light blue	

Comment

MEASUREMENT INVENTORY				
Measurer Grubisa, Pindozi				
Date 12/05/2019				
Comment Pirita				
Internal Ballast total = 0.0				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
<i>Id</i>	<i>Item</i>	<i>Maker</i>	<i>Model</i>	
1	Engine	Yanmar	3YM20	
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Description</i>	

MEASUREMENT INVENTORY									
<i>Id</i>	<i>Item</i>	<i>Tank Use</i>	<i>Tank Type</i>	<i>Capcty</i>	<i>Dist.</i>	<i>VCG</i>	<i>Condtn</i>	<i>Description</i>	
1	Tank	Water	PVC	100.0	4.00			0-0 Water tank, stb.	
2	Tank	Fuel	PVC	75.0	7.55			40-0 Fuel tank, center	
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG</i>	<i>Description</i>				
1	Battery		3.70		Battery 70Ah, ports				
2	Battery		3.95		Battery 70Ah, ports				
1	Misc		6.90		Boiler 25BX Quickmatic, ports.				

2020

ORC Club Certificate Appendix

BOAT			
Name	JAZZ	Certificate Number	060-20
Sail Nr	EST 465	Issued On	17/06/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1093.9	906.5	794.8	736.2	716.9	709.9	702.1
52°	712.5	599.8	542.9	518.4	508.1	504.1	501.0
60°	672.3	570.7	527.5	506.5	494.6	489.3	486.5
75°	644.0	551.1	516.0	496.0	479.8	467.0	456.4
90°	652.6	547.8	506.5	487.0	475.6	458.1	430.8
110°	648.9	539.7	499.9	473.1	448.5	431.6	410.6
120°	668.6	551.6	505.5	477.9	451.1	426.4	389.9
135°	738.8	600.2	528.2	496.2	470.3	444.5	396.1
150°	873.3	694.5	587.0	526.2	496.8	472.7	426.1
Run VMG	1008.4	801.9	677.1	596.8	541.2	506.8	459.9
Selected Courses							
Windward / Leeward	1051.2	854.2	736.0	666.5	629.1	608.3	581.0
Circular Random	884.5	713.5	621.7	568.4	535.6	514.1	486.2
Coastal / Long Distance	1046.9	801.6	664.4	585.7	546.3	515.4	464.1
Non Spinnaker	945.9	756.9	654.1	593.7	556.4	532.3	502.6

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	42.8°	41.6°	41.3°	39.0°	39.0°	38.8°	38.6°
Beat VMG	3.29	3.97	4.53	4.89	5.02	5.07	5.13
52°	5.05	6.00	6.63	6.94	7.09	7.14	7.19
60°	5.35	6.31	6.82	7.11	7.28	7.36	7.40
75°	5.59	6.53	6.98	7.26	7.50	7.71	7.89
90°	5.52	6.57	7.11	7.39	7.57	7.86	8.36
110°	5.55	6.67	7.20	7.61	8.03	8.34	8.77
120°	5.38	6.53	7.12	7.53	7.98	8.44	9.23
135°	4.87	6.00	6.82	7.26	7.65	8.10	9.09
150°	4.12	5.18	6.13	6.84	7.25	7.62	8.45
Run VMG	3.57	4.49	5.32	6.03	6.65	7.10	7.83
Gybe Angles	145.5°	150.0°	151.0°	158.0°	180.0°	180.0°	180.0°