



World Leader in Rating Technology

2016 ORC Club Certificate

Rating Office

EYU
Regati 1
11911
Estonia

Certificate

Number **EST642**
Issued On **26.08.2016**
ORC Ref **EST00001243**
VPP Ver. **2016 1.01**
Valid until **31.12.2016**

Crew Weight

Declared **540kg**
Default* **543kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	640,2	0,9372
Double H.OSN	626,0	0,9584
Non Spin GPH	658,0	0,9119
Non Spin OSN	640,7	0,9365
N/S Perf. Line	24,4	0,614

Sails Limitations

Headsails **6** Spinnakers **3**
Dacron Sails
Spinnaker configuration
Symmetric: **Yes** **71,57**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **8,445**

Stability

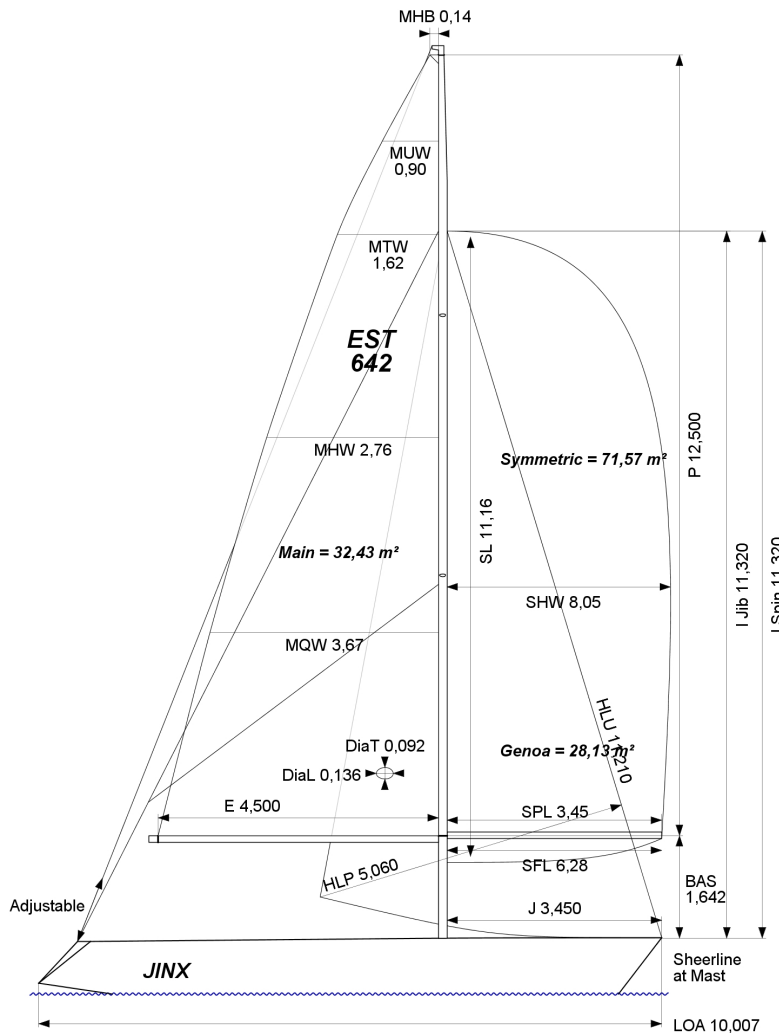
LPS (Estimated): **113,5°**
Stability Index: **112,5**
OSR Category: **N/A**

Owner

DAKT RENT OÜ
Raba 37, Pärnu
Estonia
PJK

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

Signature



BOAT		GPH		HULL		
Name	JINX			Data File	Est0642.dxt	
Sail Nr	EST-642			Offset File	H012.BOF	
		632,9		Displacement	3 247kg	
				LOA	10,007m	
				MB	2,992m	
				Draft	1,812m	
CLASS				IMS Division	Cruiser/Racer	
Class	X-99			Dynamic All.	0,000%	
Designer	NIELS JEPPESEN			Fwd Accom.	Yes	
Builder	X-YACHTS			Fiber Rigging	No	
Series	04.1985			Crew Arm Ex	No	
Age Date	12.1999				Carbon Rudder	
Age Allowance	0,487%				Light Stanchions	
COMMENTS				IMSL	8,592m	
				VCGD	-0,028m	
				Sink	13,65kg/mm	
				RL	8,296m	
				VCGM	0,001m	
				WS	18,54m²	
				LSM0	8,471m	
				Displacement/Length ratio	5,3417	
				Water Ballast	0	
				Trim Tab	No	
PROPELLER				CENTERBOARD		
Installation	Strut	PRD	0,300			
Type	Folding 2 blades	PBW	0,076	N/A		
		PIPA	0,0022			
SCORING OPTIONS						
	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
Time On Distance	616,8			688,5		
Time On Time	0,9728			0,9804		
Performance Line	PLT	PLD		PLT	PLD	
	0,667	42,1		0,861	226,4	
Triple Number	Low	Medium	High	Low	Medium	High
	0,9334	1,2017	1,3531	0,7159	0,9769	1,1257



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ORC Club Certificate Appendix

BOAT

Name **JINX** Certificate Number **EST642**
 Sail Nr **EST-642** Issued On **26.08.2016**

TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1049,3	871,8	772,6	733,1	713,6	702,3	696,2
52°	683,9	575,1	531,3	516,4	508,9	504,5	499,7
60°	642,5	550,4	517,0	501,2	492,9	487,7	483,1
75°	608,8	533,9	504,7	483,4	467,3	458,6	450,5
90°	612,1	535,3	504,3	482,4	459,8	441,0	422,3
110°	637,7	536,8	499,1	467,6	446,5	431,9	407,7
120°	660,6	548,0	506,6	475,5	443,6	416,1	386,4
135°	739,4	600,2	529,0	497,3	467,8	438,3	376,5
150°	895,3	707,0	590,6	527,5	497,9	470,4	416,4
Run VMG	1033,8	816,4	681,9	595,4	540,7	507,8	455,4

Selected Courses

Windward / Leeward	1041,6	844,1	727,3	664,2	627,1	605,1	575,8
Circular Random	869,2	703,2	614,3	562,6	530,4	508,7	479,8
Ocean for PCS	1073,1	828,3	690,6	606,5	551,8	513,3	459,4
Non Spinnaker	912,8	734,4	638,1	581,6	546,2	522,5	491,8

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	43,3°	42,4°	40,9°	39,3°	38,2°	37,7°	37,7°
Beat VMG	3,43	4,13	4,66	4,91	5,04	5,13	5,17
52°	5,26	6,26	6,78	6,97	7,07	7,14	7,20
60°	5,60	6,54	6,96	7,18	7,30	7,38	7,45
75°	5,91	6,74	7,13	7,45	7,70	7,85	7,99
90°	5,88	6,73	7,14	7,46	7,83	8,16	8,52
110°	5,65	6,71	7,21	7,70	8,06	8,34	8,83
120°	5,45	6,57	7,11	7,57	8,11	8,65	9,32
135°	4,87	6,00	6,81	7,24	7,70	8,21	9,56
150°	4,02	5,09	6,10	6,82	7,23	7,65	8,65
Run VMG	3,48	4,41	5,28	6,05	6,66	7,09	7,90
Gybe Angles	145,2°	149,7°	149,5°	158,4°	180,0°	180,0°	180,0°