

Rating Office

Offshore
Racing
Congress



Certificate

Number **2395.1**
Issued On **26/08/2020**
ORC Ref **03570000P1A**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default 553kg
Maximum **553kg**
Minimum* **415kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	631.4	0.9503
Non Spin OSN	614.4	0.9766

Sails Limitations

Headsails **5** Spinnakers **4**
Woven Polyester
Asymmetric on centerline
Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 86.81**
Flying H/S: **No**
Spin. Pole: **No**

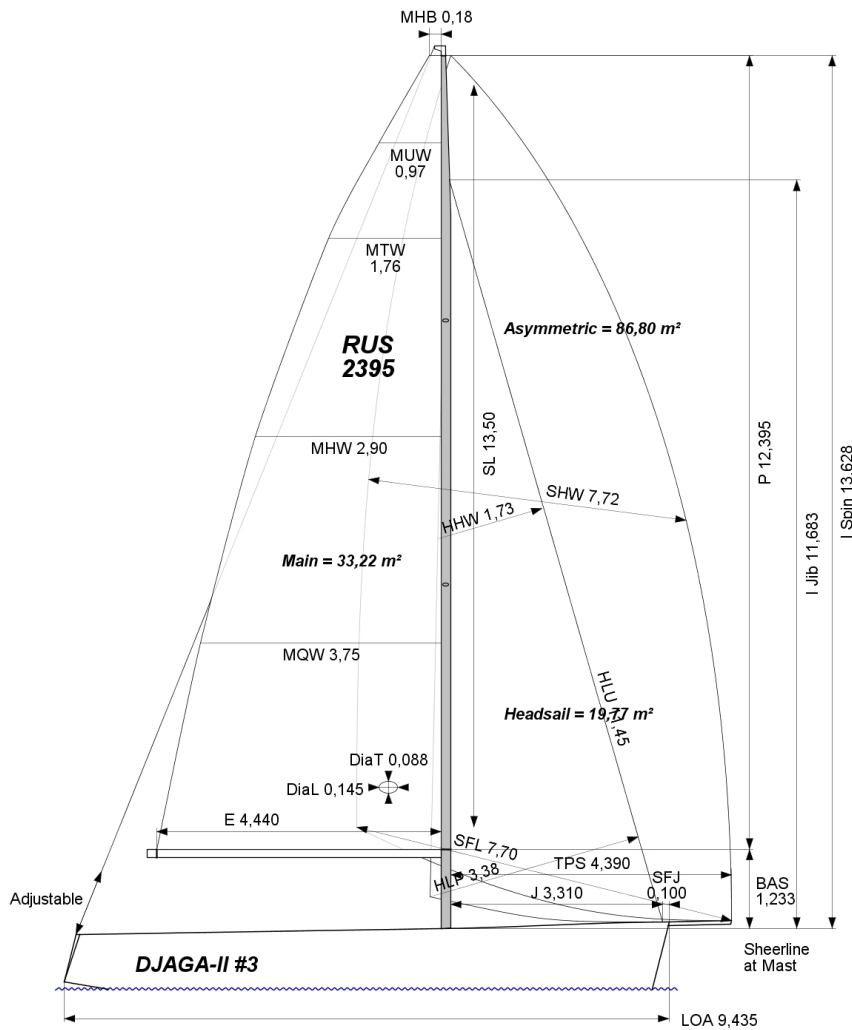
Class Division Length

CDL = 8.960

Stability (Measured)

Limit Positive Stab.: **129.9°**
Stability Index: **123.6**

Owner



BOAT	GPH	HULL
Name Djaga-II #3 Sail Nr RUS 2395	590.4	Data File RU2395_Djaga-2 LOA 9.435m Offset File FARR30_Ru20.o MB 3.038m Displacement 2,152kg Draft 2.127m
CLASS Class Farr 30 Designer B. FARR Builder OVINGTON Series 02/1997, CIN OVM GB 647A798 Age Date 02/1997 Age Allowance 0.487%	IMS Division Performance Dynamic All. 0.000% Plan Review Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder Yes Light Stanchions No	IMSL 8.817m VCGD -0.382m Sink 11.58kg/mm RL 9.117m VCGM -0.321m WS 15.56m² LSM0 8.578m Displacement/Length ratio 3.4094 Water Ballast 0 Trim Tab No BLR Index 0.0000
COMMENTS Bow number 3	CENTERBOARD N/A	
PROPELLER Installation Strut PRD 0.352 Type Folding 2 blades PBW 0.090 PIPA 0.0032		
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	575.4	648.1
Time on Time	1.0428	1.0415
Triple Number	Low Medium High	Low Medium High
Time on Distance	659.4 530.1 467.4	845.0 651.7 570.2
Time on Time	1.0237 1.2734 1.4443	0.7988 1.0357 1.1838

2020

ORC Club Certificate Appendix

BOAT	
Name	Djaga-II #3
Sail Nr	RUS 2395
Certificate Number	2395.1
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	969.0	798.5	722.7	699.3	690.3	680.9	676.3
52°	637.9	547.0	518.2	506.5	500.5	497.9	487.0
60°	602.3	532.3	505.4	489.5	481.0	476.3	463.1
75°	577.7	521.3	492.0	466.1	449.2	440.3	431.0
90°	577.0	514.7	489.8	458.8	431.1	410.5	390.5
110°	567.4	503.0	463.5	440.2	419.1	398.7	360.2
120°	582.1	508.2	464.0	424.7	399.4	378.1	340.9
135°	652.6	536.5	491.3	447.5	404.0	361.1	301.1
150°	777.1	619.3	535.3	497.4	461.6	421.1	330.8
Run VMG	897.3	715.1	618.5	573.8	533.1	486.2	382.0
Selected Courses							
Windward / Leeward	933.2	756.8	670.6	636.6	611.7	583.6	529.2
Circular Random	797.8	651.5	574.4	529.2	499.3	476.4	439.2
Coastal / Long Distance	929.6	714.2	610.3	553.5	516.4	480.4	418.0
Non Spinnaker	874.4	704.4	612.7	558.4	523.5	498.9	463.3

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	42.0°	40.9°	37.5°	36.8°	36.4°	35.8°	36.2°
Beat VMG	3.71	4.51	4.98	5.15	5.21	5.29	5.32
52°	5.64	6.58	6.95	7.11	7.19	7.23	7.39
60°	5.98	6.76	7.12	7.35	7.48	7.56	7.77
75°	6.23	6.91	7.32	7.72	8.01	8.18	8.35
90°	6.24	6.99	7.35	7.85	8.35	8.77	9.22
110°	6.34	7.16	7.77	8.18	8.59	9.03	9.99
120°	6.18	7.08	7.76	8.48	9.01	9.52	10.56
135°	5.52	6.71	7.33	8.04	8.91	9.97	11.96
150°	4.63	5.81	6.72	7.24	7.80	8.55	10.88
Run VMG	4.01	5.03	5.82	6.27	6.75	7.40	9.43
Gybe Angles	143.0°	145.5°	151.0°	151.0°	147.3°	144.5°	142.8°