



ORC
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2020
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **027/20**
Issued On **29/06/2020**
ORC Ref **02920000LMI**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default 413kg
Maximum **350kg**
Minimum* **263kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	668.4	0.8977
Non Spin OSN	651.7	0.9206

Sails Limitations

Headsails **5** Spinnakers **4**

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 63.52**
Flying H/S: **No**
Spin. Pole: **No**

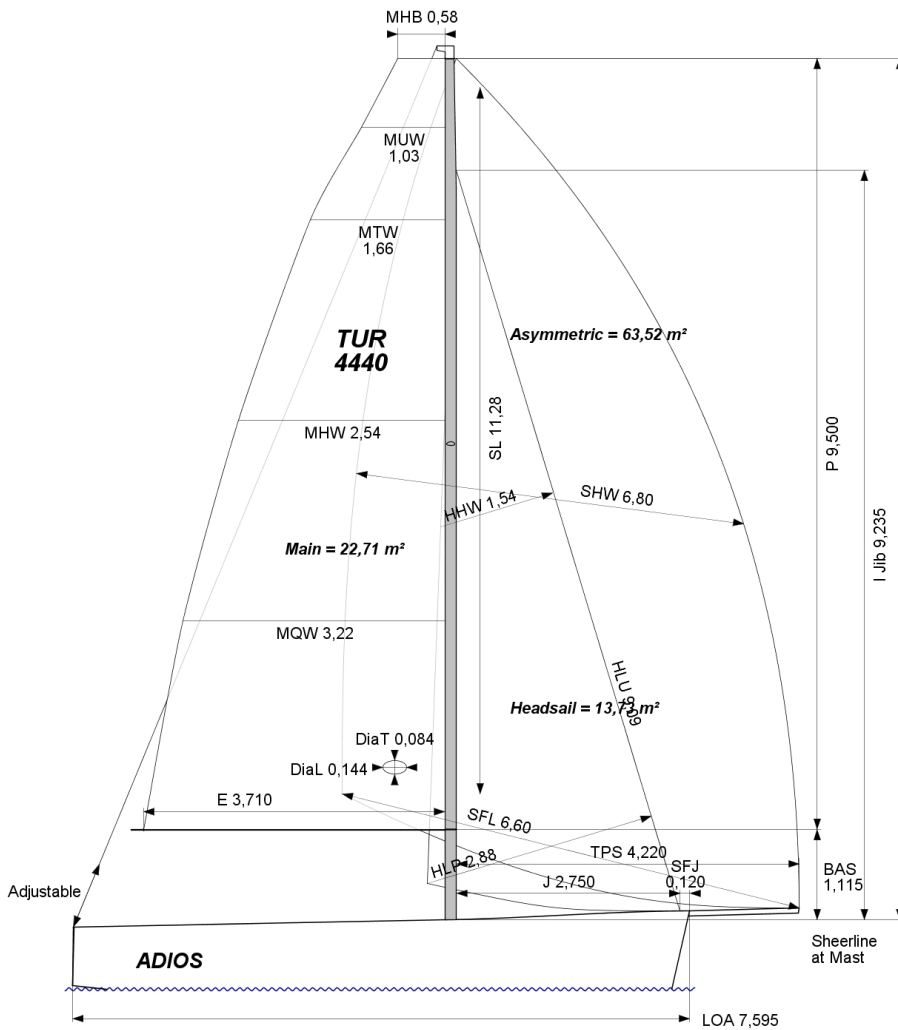
Class Division Length

CDL = 7.243

Stability (Estimated)

Limit Positive Stab.: **123.5°**
Stability Index: **115.2**

Owner



BOAT	GPH	HULL
Name Adios Sail Nr TUR-4440	624.1	Data File TUR4440 LOA 7.595m Offset File Farr25i.off MB 2.502m Displacement 936kg Draft 1.790m
CLASS Class Farr 25 OD Designer Farr Builder OD Yachting Series 01/2008 Age Date 01/2010 Age Allowance 0.390%		IMS Division Sportboat Dynamic All. 0.000% Plan Review Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder Yes Light Stanchions No
COMMENTS		IMSL 7.382m VCGD -0.256m Sink 8.36kg/mm RL 7.122m VCGM -0.249m WS 10.76m² LSM0 6.994m Displacement/Length ratio 2.7359
PROPELLER Type No Propeller		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	610.3	691.9
Time on Time	0.9831	0.9755
Triple Number	Low Medium High	Low Medium High
Time on Distance	693.3 562.3 493.8	886.9 701.8 609.5
Time on Time	0.9736 1.2004 1.3670	0.7611 0.9618 1.1075

2020

ORC Club Certificate Appendix

BOAT	
Name Adios	Certificate Number 027/20
Sail Nr TUR-4440	Issued On 29/06/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1023.6	847.5	799.5	791.2	788.9	782.4	798.7
52°	669.7	582.4	560.7	553.9	551.8	543.8	543.4
60°	632.7	566.7	540.4	530.0	525.4	516.9	510.2
75°	607.3	553.9	512.4	489.2	478.3	473.0	454.3
90°	605.3	552.3	507.9	463.9	437.7	424.9	413.2
110°	595.2	525.7	484.2	454.6	426.9	401.7	349.4
120°	606.3	531.4	470.7	433.4	406.7	378.3	333.7
135°	679.5	565.7	503.1	441.8	385.3	342.6	291.2
150°	808.5	643.2	564.0	509.0	451.9	398.1	291.0
Run VMG	933.6	742.7	651.8	587.7	521.8	459.6	336.1
Selected Courses							
Windward / Leeward	978.6	795.1	725.6	689.5	655.4	621.0	567.4
Circular Random	840.3	688.0	607.7	560.1	528.1	503.8	466.1
Coastal / Long Distance	974.1	750.8	654.6	592.8	548.1	504.9	436.2
Non Spinnaker	918.1	742.7	649.0	594.1	558.9	534.1	498.8

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	42.8°	40.9°	39.0°	39.4°	39.4°	39.8°	41.4°
Beat VMG	3.52	4.25	4.50	4.55	4.56	4.60	4.51
52°	5.38	6.18	6.42	6.50	6.52	6.62	6.62
60°	5.69	6.35	6.66	6.79	6.85	6.97	7.06
75°	5.93	6.50	7.03	7.36	7.53	7.61	7.92
90°	5.95	6.52	7.09	7.76	8.23	8.47	8.71
110°	6.05	6.85	7.43	7.92	8.43	8.96	10.30
120°	5.94	6.77	7.65	8.31	8.85	9.52	10.79
135°	5.30	6.36	7.16	8.15	9.34	10.51	12.36
150°	4.45	5.60	6.38	7.07	7.97	9.04	12.37
Run VMG	3.86	4.85	5.52	6.13	6.90	7.83	10.71
Gybe Angles	143.0°	147.8°	151.0°	148.3°	145.0°	143.5°	144.9°