

Rating Office

Offshore
Racing
Congress



Certificate

Number **089/20**
Issued On **04/10/2020**
ORC Ref **02920000RF2**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default 401kg
Maximum **410kg**
Minimum* **308kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	705.7	0.8502
Non Spin OSN	684.2	0.8770

Sails Limitations

Headsails **1** Spinnakers **4**

Spinnaker configuration
Symmetric: **Yes** **39.05**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

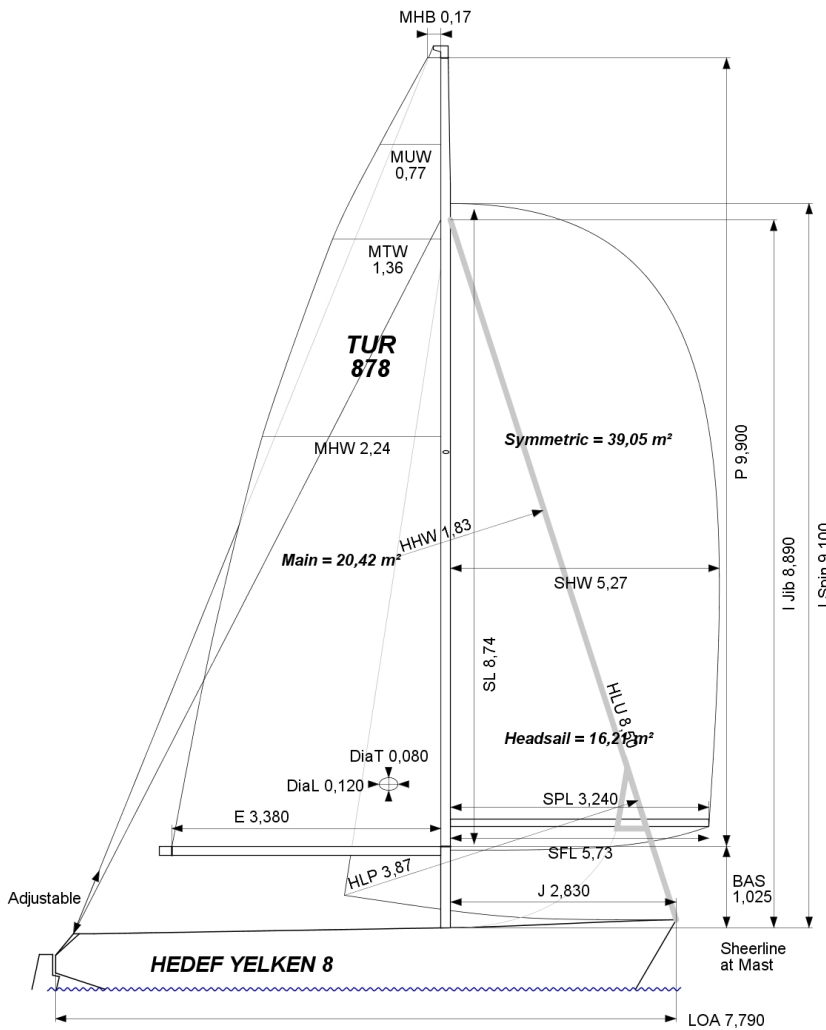
Class Division Length

CDL = **7.160**

Stability (Estimated)

Limit Positive Stab.: **106.4°**
Stability Index: **98.7**

Owner



BOAT	GPH	HULL
Name HEDEF YELKEN 8 Sail Nr TUR-878	675.8	Data File TUR878 LOA 7.790m Offset File FC8.OD.OFF MB 2.498m Displacement 1,368kg Draft 1.819m
CLASS Class FIRST CLASS 8 Designer Fauroux/Finot Builder Beneteau Series 01/1982 Age Date 01/1983 Age Allowance 0.487%	IMS Division Sportboat Dynamic All. 0.033% Plan Review Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No	IMS L 6.965m VCGD 0.000m Sink 9.21kg/mm RL 7.362m VCGM 0.019m WS 11.87m² LSM0 6.841m Displacement/Length ratio 4.2729
COMMENTS OUTBOARD ENGINE 6 HP	Water Ballast 0 Trim Tab No BLR Index 0.0000	
PROPELLER Type No Propeller	CENTERBOARD N/A	
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	656.6	733.1
Time on Time	0.9138	0.9208
Triple Number	Low Medium High	Low Medium High
Time on Distance	765.0 602.6 534.5	982.0 733.6 649.8
Time on Time	0.8823 1.1201 1.2629	0.6874 0.9201 1.0388

2020

ORC Club Certificate Appendix

BOAT			
Name	HEDEF YELKEN 8	Certificate Number	089/20
Sail Nr	TUR-878	Issued On	04/10/2020

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1086.0	909.2	812.2	778.2	769.2	767.2	771.2
52°	720.2	620.7	582.0	564.3	557.6	554.3	550.9
60°	685.8	602.6	569.6	547.6	537.0	531.6	527.9
75°	662.8	590.6	558.4	528.6	506.1	495.2	487.3
90°	671.3	585.1	545.2	519.3	494.9	469.5	444.3
110°	678.7	582.8	538.4	496.7	461.6	439.6	405.7
120°	702.4	594.2	548.2	506.1	466.9	427.8	375.1
135°	781.0	640.3	577.3	538.0	499.2	461.3	381.7
150°	934.5	738.9	629.9	573.5	537.0	501.0	431.0
Run VMG	1079.0	853.5	721.2	636.0	581.8	546.5	479.8
Selected Courses							
Windward / Leeward	1082.5	881.3	766.7	707.1	675.5	656.9	625.5
Circular Random	921.4	748.8	656.7	602.9	568.7	545.0	511.6
Coastal / Long Distance	1082.2	831.1	698.3	624.9	583.1	545.5	482.8
Non Spinnaker	973.1	785.5	684.8	625.9	588.8	563.5	528.6

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	41.6°	40.5°	38.3°	36.8°	36.6°	36.8°	37.5°
Beat VMG	3.31	3.96	4.43	4.63	4.68	4.69	4.67
52°	5.00	5.80	6.19	6.38	6.46	6.49	6.54
60°	5.25	5.97	6.32	6.57	6.70	6.77	6.82
75°	5.43	6.10	6.45	6.81	7.11	7.27	7.39
90°	5.36	6.15	6.60	6.93	7.27	7.67	8.10
110°	5.30	6.18	6.69	7.25	7.80	8.19	8.87
120°	5.13	6.06	6.57	7.11	7.71	8.42	9.60
135°	4.61	5.62	6.24	6.69	7.21	7.80	9.43
150°	3.85	4.87	5.72	6.28	6.70	7.19	8.35
Run VMG	3.34	4.22	4.99	5.66	6.19	6.59	7.50
Gybe Angles	146.0°	150.5°	154.5°	172.0°	180.0°	180.0°	180.0°