



World Leader in Rating Technology

2018 ORC Club Certificate

Rating Office

Hungarian Yachting
Association
Istvanmezei ut 1-3
H-1146 Budapest
HUNGARY



Certificate

Number **012/18**
Issued On **20/07/2018**
ORC Ref **HUN10015077**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 613kg
Maximum **320kg**
Minimum* **235kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	638.2	0.9401
Non Spin OSN	622.0	0.9647

Sails Limitations

Headsails **5** Spinnakers **3**

Spinnaker configuration
Symmetric: **Yes 92.19**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = 9.004

Stability (Estimated)

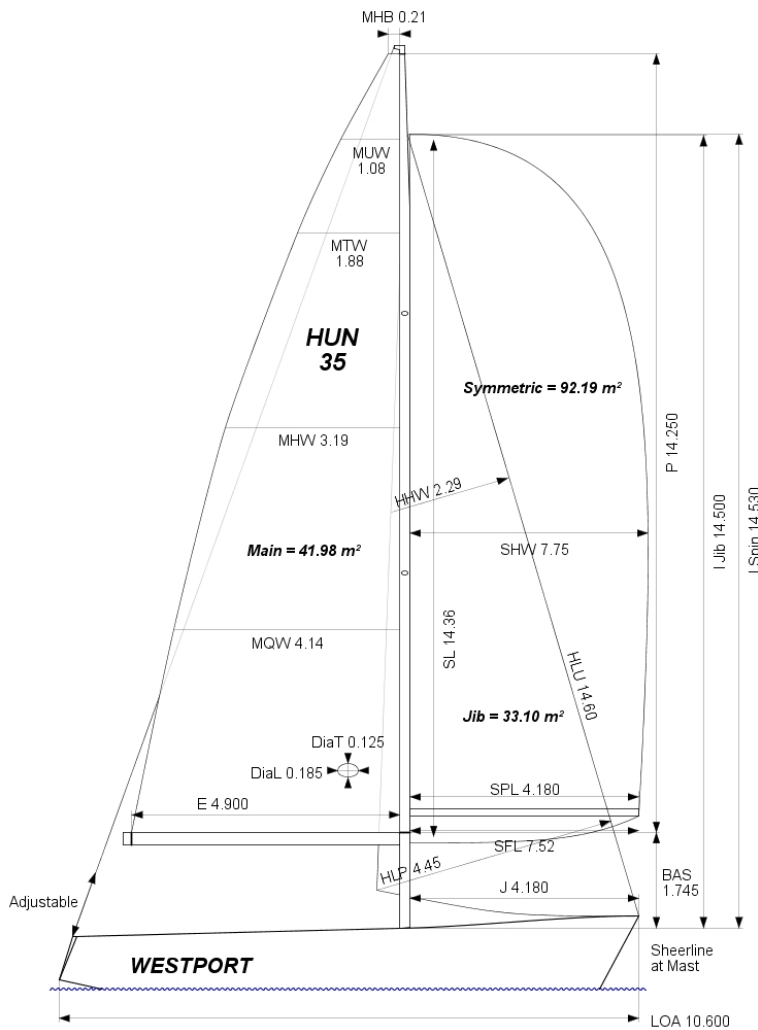
Limit Positive Stab.: **124.3°**
Stability Index: **125.1**

Owner

Tibor Bednár
Bajuszfu u.28
2030 Erd
HUNGARY

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

Signature



BOAT		GPH	HULL			
Name Westport Sail Nr HUN-35		608.8	Data File HUN35	LOA 10.600m		
			Offset File X35SD.OFF	MB 3.250m		
			Displacement 4,530kg	Draft 1.863m		
CLASS						
Class X-35 SD		IMS Division Cruiser/Racer Dynamic All. 0.000%				
Designer Jeppesen		Fwd Accom. Yes Construction Cored				
Builder X-Yachts		Fiber Rigging No Aramid Core No				
Series 01/2005		Crew Arm Ex No Carbon Rudder No				
Age Date 02/2008		Light Stanchions No				
Age Allowance 0.422%		IMSL 9.448m VCGD -0.101m Sink 17.72kg/mm				
		RL 8.559m VCGM -0.113m WS 22.88m²				
		LSMO 9.219m Displacement/Length ratio 5.7816				
COMMENTS		Water Ballast 0 Trim Tab No				
		BLR Index 0.0000				
PROPELLER		CENTERBOARD				
Installation Strut PRD 0.415		N/A				
Type Folding 2 blades PBW 0.120						
		PIPA 0.0031				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	594.2			663.0		
Time on Time	1.0097			1.0181		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	681.2	543.8	492.3	875.5	666.0	589.9
Time on Time	0.9909	1.2412	1.3710	0.7710	1.0135	1.1442



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ORC Club Certificate Appendix

BOAT		Certificate Number	012/18
Name	Westport	Issued On	20/07/2018
Sail Nr	HUN-35		

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	982.6	818.2	746.5	721.8	711.5	700.3	700.4
52°	648.0	550.7	516.4	506.2	501.5	498.4	492.5
60°	615.0	531.3	502.9	492.5	487.5	485.0	476.7
75°	591.0	519.1	492.0	476.1	466.6	461.1	455.4
90°	597.0	520.5	490.6	470.5	452.8	439.0	425.7
110°	607.8	514.5	480.1	456.6	442.3	428.8	409.1
120°	625.1	523.5	484.6	456.1	429.5	412.5	388.1
135°	691.1	563.6	505.3	475.4	447.2	419.8	364.6
150°	818.6	654.7	556.3	504.6	476.5	450.3	399.9
Run VMG	945.3	755.9	641.1	569.9	519.3	487.5	437.6
Selected Courses							
Windward / Leeward	963.9	787.1	693.8	645.9	615.4	593.9	569.0
Circular Random	823.9	671.2	591.4	546.3	518.9	500.6	476.2
Coastal / Long Distance	962.1	741.1	628.7	567.1	531.4	501.7	455.1
Non Spinnaker	877.3	708.7	619.1	567.6	536.1	515.5	489.3

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	42.5°	41.1°	39.9°	38.9°	38.6°	38.7°	39.6°
Beat VMG	3.66	4.40	4.82	4.99	5.06	5.14	5.14
52°	5.56	6.54	6.97	7.11	7.18	7.22	7.31
60°	5.85	6.78	7.16	7.31	7.38	7.42	7.55
75°	6.09	6.93	7.32	7.56	7.71	7.81	7.91
90°	6.03	6.92	7.34	7.65	7.95	8.20	8.46
110°	5.92	7.00	7.50	7.88	8.14	8.40	8.80
120°	5.76	6.88	7.43	7.89	8.38	8.73	9.28
135°	5.21	6.39	7.13	7.57	8.05	8.58	9.87
150°	4.40	5.50	6.47	7.13	7.56	8.00	9.00
Run VMG	3.81	4.76	5.62	6.32	6.93	7.38	8.23
Gybe Angles	142.3°	148.4°	151.6°	159.2°	180.0°	180.0°	180.0°