



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 **08/06/2018**
ORC Ref **HUN10014560**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 617kg
Maximum **320kg**
Minimum* **235kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **638.9 0.9391**
Non Spin OSN **622.5 0.9638**

Sails Limitations

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

Spinnaker configuration
Symmetric: **Yes 105.12**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **9.022**

Stability (Estimated)

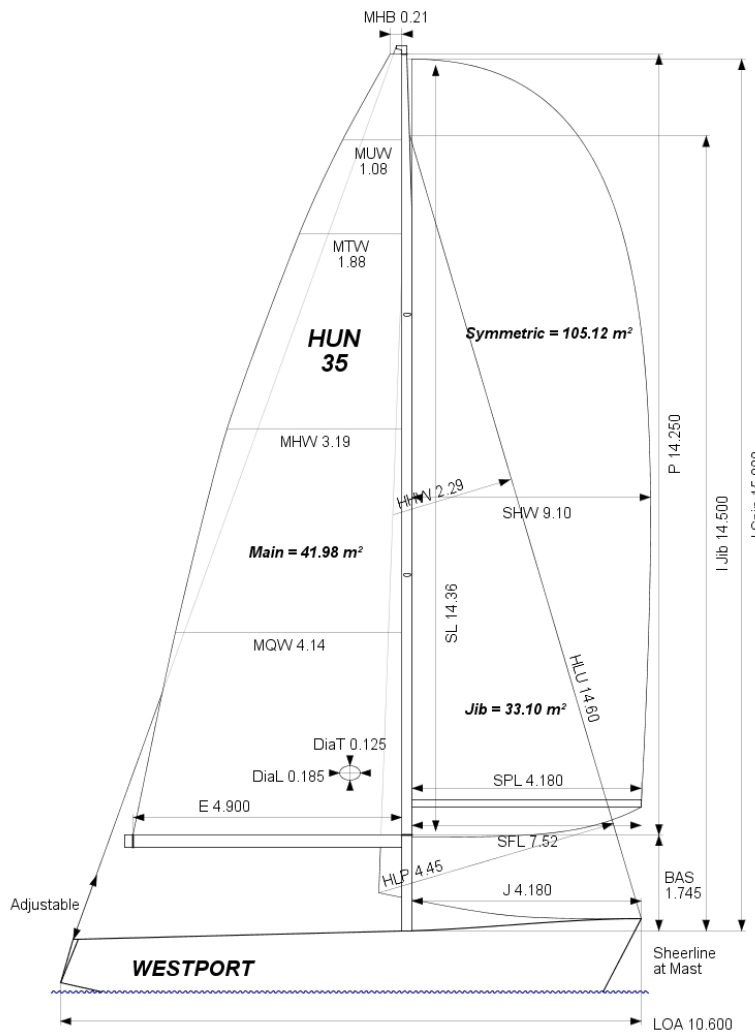
Limit Positive Stab.: **124.2°**
Stability Index: **125.2**

Owner

Tibor Bednár
Bajuszfu u.28
2030 Erd
HUNGARY

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

Signature



BOAT Name Westport Sail Nr HUN-35		GPH 605.0	HULL Data File HUN35 LOA 10.600m Offset File X35SD.OFF MB 3.250m Displacement 4,599kg Draft 1.867m				
CLASS Class X-35 SD Designer Jeppesen Builder X-Yachts Series 01/2005 Age Date 02/2008 Age Allowance 0.422%		IMS Division Cruiser/Racer Dynamic All. 0.000% Fwd Accom. Yes Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No		IMSL 9.474m VCGD -0.098m Sink 17.80kg/mm RL 8.568m VCGM -0.114m WS 22.99m² LSM0 9.258m Displacement/Length ratio 5.7958			
COMMENTS		Water Ballast 0 Trim Tab No BLR Index 0.0000		CENTERBOARD N/A			
PROPELLER Installation Strut PRD 0.415 Type Folding 2 blades PBW 0.120 PIPA 0.0031							
SCORING OPTIONS							
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD			
Time on Distance	590.5			658.1			
Time on Time	1.0160			1.0257			
Triple Number	Low	Medium	High	Low	Medium	High	
Time on Distance	674.6	541.3	491.1	863.9	660.6	587.3	
Time on Time	1.0006	1.2471	1.3745	0.7813	1.0218	1.1493	



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2018 ORC Club Certificate Appendix

BOAT	
Name Westport	Certificate Number 012/18
Sail Nr HUN-35	Issued On 08/06/2018

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	984.4	819.8	746.6	721.4	711.0	700.2	699.3
52°	649.4	551.6	516.6	506.1	501.4	498.5	492.3
60°	616.5	532.1	503.2	492.6	487.5	484.9	476.7
75°	592.4	519.8	492.6	476.6	466.9	461.3	456.3
90°	598.5	519.9	491.2	471.3	453.7	439.8	426.0
110°	598.2	510.0	478.1	460.3	446.0	432.9	410.6
120°	613.0	516.9	480.5	452.6	430.9	416.5	391.7
135°	674.5	551.9	498.9	469.4	440.4	412.7	359.7
150°	793.5	636.9	544.3	498.3	470.8	443.9	392.7
Run VMG	916.2	735.4	626.6	561.5	513.9	483.4	432.9
Selected Courses							
Windward / Leeward	950.3	777.6	686.6	641.5	612.4	591.8	566.1
Circular Random	816.6	666.2	587.9	543.9	517.1	499.1	474.6
Coastal / Long Distance	946.9	732.4	623.3	564.3	530.0	501.2	454.8
Non Spinnaker	878.6	709.6	619.7	568.1	536.5	515.9	489.6

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	42.4°	41.1°	39.9°	38.9°	38.6°	38.7°	39.6°
Beat VMG	3.66	4.39	4.82	4.99	5.06	5.14	5.15
52°	5.54	6.53	6.97	7.11	7.18	7.22	7.31
60°	5.84	6.77	7.15	7.31	7.38	7.42	7.55
75°	6.08	6.93	7.31	7.55	7.71	7.80	7.89
90°	6.02	6.92	7.33	7.64	7.93	8.19	8.45
110°	6.02	7.06	7.53	7.82	8.07	8.32	8.77
120°	5.87	6.97	7.49	7.95	8.35	8.64	9.19
135°	5.34	6.52	7.22	7.67	8.18	8.72	10.01
150°	4.54	5.65	6.61	7.22	7.65	8.11	9.17
Run VMG	3.93	4.90	5.75	6.41	7.01	7.45	8.32
Gybe Angles	143.7°	148.1°	152.2°	159.6°	180.0°	180.0°	180.0°