



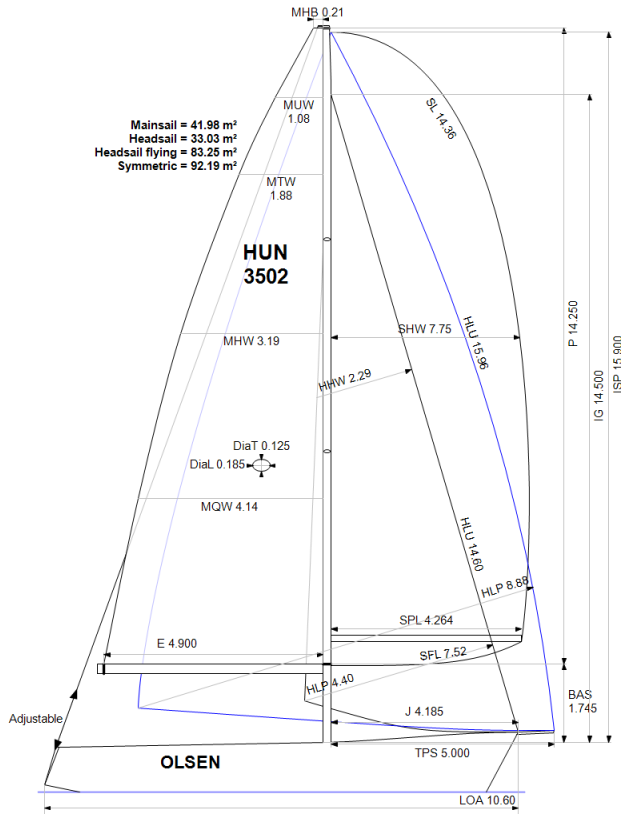
Club  
Certificate  
2021

Boat  
**OLSEN**  
HUN-3502

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



Certificate number: 011/21



GPH = **597.9**

CDL = **9.079**

**BOAT**

Class **X-35 ODD** Designer **JEPPESEN** Builder **X-YACHTS** Age Date **09/2005** Series  
Date **09/2005** Offset File **x35-SD.off**

**HULL**

Length Overall **10.600 m** Maximum  
Beam **3.250 m** Draft **1.863 m** Displacement **4,526 t**  
Division **Cruiser/Racer** Dynamic  
Allowance **0.000%** Age Allowance **0.487%**

**PROPELLER**

Installation **Strut** Type **Folding 2**  
blades Diameter **0.420m**

**CREW**

Maximum weight **640 kg** Minimum  
weight **480 kg** \* when applied Non Manual  
Power **No** Crew Arm Extension

**SAIL AREAS (m<sup>2</sup>)**

Measured Rated Mainsail **41.9842.84** Headsail  
Luffed **33.0333.03** Headsail  
Flying **83.2583.25** Symmetric **92.1992.19** Asymmetric

**SAIL LIMITATIONS**

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

**STABILITY**

Righting Moment **126.3 kg·m** Stability Index **N/A**

**OWNER**

Zoltan Dobsai  
Kiskorosí u. 1  
6230 Soltvadkert  
HUNGARY

*The owner certifies that he/she understands his/her responsibilities under ORC Rule and Regulations.*

Rated boat velocities in knots

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	45.8°	41.6°	40.1°	39.0°	39.0°	39.0°	39.8°
Beat VMG	3.66	4.35	4.85	5.04	5.11	5.17	5.18
52°	5.77	6.56	7.00	7.17	7.24	7.27	7.37
60°	6.25	6.91	7.18	7.37	7.45	7.50	7.63
75°	6.71	7.23	7.47	7.62	7.81	7.92	8.01
90°	6.84	7.40	7.74	7.99	8.19	8.37	8.62
110°	6.57	7.24	7.66	8.10	8.54	8.94	9.48
120°	6.18	7.02	7.46	7.95	8.48	8.93	9.78
135°	5.25	6.44	7.16	7.61	8.11	8.65	10.06
150°	4.45	5.56	6.53	7.17	7.59	8.05	9.10
Run VMG	3.85	4.81	5.67	6.35	6.97	7.41	8.28
Gybe Angles	144.8°	148.0°	152.0°	159.5°	180.0°	180.0°	180.0°

ORC Ref **03880001AQN**

Issued on **02/06/2021**

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Time Allowances in secs/NM

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
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Beat VMG	982.9	827.2	741.9	714.7	704.2	696.9	694.7
52°	624.2	549.0	514.4	502.2	497.3	495.1	488.7
60°	576.3	521.2	501.7	488.6	483.1	480.2	472.0
75°	536.8	497.7	482.2	472.6	460.9	454.5	449.5
90°	526.1	486.6	465.1	450.4	439.3	430.2	417.5
110°	548.4	497.0	469.7	444.2	421.5	402.8	379.7
120°	583.0	512.8	482.7	452.6	424.5	403.2	368.1
135°	685.4	558.9	502.8	472.9	443.8	416.2	357.7
150°	809.9	647.6	551.4	502.3	474.1	447.1	395.8
Run VMG	935.1	747.7	635.1	566.6	516.8	485.5	434.6
<b>Selected Courses</b>							
Windward / Leeward	959.0	787.5	688.5	640.6	610.5	591.2	564.7
All purpose	717.6	611.1	554.3	525.2	504.5	490.0	467.1

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	666.0	0.9008
All purpose	538.6	1.1139

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Data in meters/kilograms (Metric)

**HULL AND APPENDAGES**

Class **X-35 OD** Measurement **07/06/2019** Measurer **CSERN., SZEMERLEY** HIN Plan review Hull construction **Cored** Carbon Rudder **No** Light stanchions **No** Trim tab **No**  
LOA **10.600** Max. Beam **3.250** Draft **1.863** Displacement **4,526** Wetted area **22.87** IMS L **9.447** LSM **0.221** Acc. length **10.563** Sink (kg/mm) **17.73**  
VCGD **-0.097** VCGM **-0.109** RM Measured (kg-m) **126.3** RM Default (kg-m) **122.0** Limit of positive stability (°) **N/A** Stability Index **N/A**

**PROPELLER**

Propeller Type **Folding 2 blades**  
Installation **Strut** PRD **0.420** EDL **2.390** ST **30.182** Twin screw **No** PBW **0.128** ST **10.042** ST **40.112** PIPA **0.0033** ST **20.178** ST **50.255**

**RIG**

Forestay tension **Aft** Inner stay **None** Fitted Carbon mast **No** Headsail furler **No** Mainsail furler **No** Articulated bowsprit **No** Non-circular rigging **No** Fiber rigging **No** Runners/Checkstays **0** Spreaders **2**  
P **14.250** I **14.500** S **15.900** MDT **10.125** MDL **10.185** MDT **20.122** MDL **20.140** TL **1.230** MW **0.184** GO **0.204**

E4.900J4.185BAS1.745FSD0.034SFJ0.000SPL4.264TPS5.000BD0.220MWTMCG

**FLOTATION AND STABILITY**

Inclining Test **VCG entered directly** SFFP0.075SAFP10.275 Flotation

Date **07/06/2019** FFM1.349FAM0.961 Measurer **FF1.349FA0.961** Comment **LCFcl6.035LCFsh6.227SGHB1.118**

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**MAINSAIL**

IdMHBMUWMTWMHWMQWAreaMeasurerMeas.DateMakerMaterialComment **A0.211.081.883.194.1441.98X-35 CLASSUnknown**

**HEADSAIL**

IdHHBHUWHTWHHWHQWHLPHLUBtnFlyingFTAreaMeasurerMeas.DateMakerMaterialComment **B0.061.653.165.827.748.8815.96NoYes083.25X-35 SD07/06/2019UnknownA0.100.631.212.293.344.4014.60YesNo 33.03X-35 Class01/03/2007AnyKevlarOne Design Rule**

**SYMMETRIC SPINNAKER**

IdSLUSLESLSHWSFLAreaMeasurerMeas.DateMakerMaterialComment **ORC14.3614.3614.367.757.5292.19Unknown\* Copied from legacy \***

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