

APH: **556.2** CDL: **8.809**

GPH: **625.2** CertNo: **038/22**

**BOAT**

Class **40 Skerry Cruiser**  
Designer **A. Harms**  
Builder **Balatonfüred SY**  
Age date **05/1925**  
Series date **01/1925**  
Offset file **gloria.off**  
Data file **HUN 40-1**

**HULL**

Length Overall **13.180 m**  
Maximum Beam **2.100 m**  
Draft **1.678 m**  
Displacement **4,445 kg**  
DLR **5.0522**  
IMS Division **Performance**  
Dynamic Allowance **0.247%**  
Age Allowance **0.487%**

**PROPELLER**

Installation **Shaft exposed**  
Type **Folding 2 blades**  
Diameter **0.340m**

**CREW**

Maximum weight **350 kg**  
Minimum weight **263 kg** \*when applied  
Non Manual Power  
Crew Arm Extension

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

	Measured	Rated
Mainsail	<b>39.60</b>	<b>40.83</b>
Headsail Luffed	<b>16.81</b>	<b>16.81</b>
Headsail Flying		
Symmetric	<b>74.63</b>	<b>74.67</b>
Asymmetric		

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

Trysail **11.25**  
Storm Jib **4.70**  
Heavy Weather Jib **12.68**

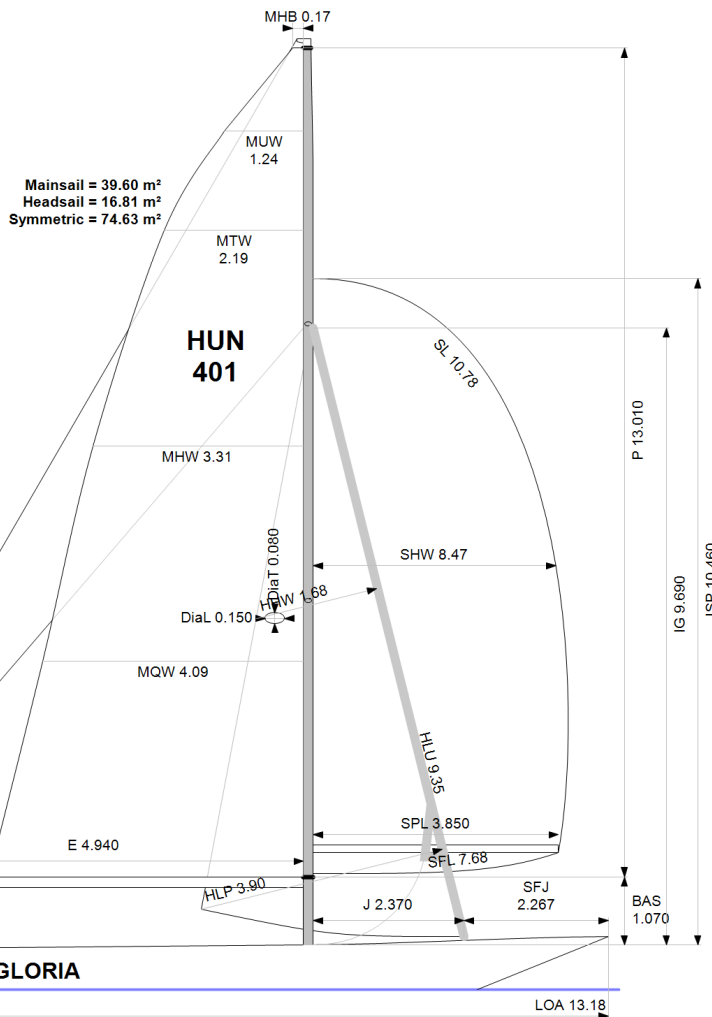
**SAIL LIMITS**

Headsails **1** \* Woven polyester sails  
Spinnakers **4**

**STABILITY**

Righting Moment **53.9 kg·m**  
Stability Index **N/A**

*The owner and any other person in charge is responsible that boat is complying with her certificate in accordance with RRS 78.1 and ORC Rule 304.*



Rated boat velocities in knots

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	43.8°	42.4°	42.4°	42.4°	42.3°	42.6°	42.3°
Beat VMG	3.34	4.07	4.46	4.66	4.77	4.81	4.94
52°	5.14	6.21	6.78	7.02	7.15	7.23	7.36
60°	5.47	6.60	7.14	7.35	7.46	7.53	7.66
75°	5.77	6.91	7.44	7.69	7.85	7.95	8.07
90°	5.78	6.90	7.51	7.85	8.13	8.36	8.65
110°	5.86	7.14	7.69	7.96	8.21	8.44	9.07
120°	5.66	7.02	7.70	8.16	8.48	8.77	9.32
135°	4.94	6.32	7.35	7.88	8.41	8.99	10.21
150°	4.11	5.28	6.42	7.34	7.85	8.35	9.57
Run VMG	3.56	4.57	5.56	6.41	7.04	7.57	8.51
Gybe Angles	142.1°	145.1°	145.1°	153.2°	164.0°	176.6°	175.4°

Time Allowances in secs/NM							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1079.3	884.0	807.4	772.9	754.8	748.0	728.1
52°	701.0	579.7	530.8	512.6	503.4	498.0	489.2
60°	658.1	545.6	504.4	489.8	482.3	477.8	470.3
75°	624.0	520.7	484.0	467.9	458.9	452.8	446.2
90°	622.5	522.0	479.3	458.4	443.0	430.4	416.2
110°	614.4	504.0	467.9	452.3	438.6	426.4	397.0
120°	636.3	513.1	467.7	441.4	424.4	410.3	386.4
135°	728.4	569.3	489.6	456.7	428.1	400.4	352.6
150°	874.9	682.4	560.8	490.7	458.8	431.1	376.3
Run VMG	1010.3	788.0	647.5	561.8	511.5	475.3	423.0
Selected Courses							
Windward / Leeward	1044.8	836.0	727.5	667.3	633.1	611.6	575.6
All purpose	793.4	642.2	571.8	536.7	515.6	500.9	474.2

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	698.1	0.8595
All purpose	556.2	1.0788

### Custom scoring options for Hungary

Single Number	Time On Distance	Time On Time
Triple Number Coastal/Long Distance Low	717.8	0.8359
Triple Number Coastal/Long Distance Medium	551.9	1.0871
Triple Number Coastal/Long Distance High	494.6	1.2132
Triple Number Windward/Leeward Low	940.4	0.6380
Triple Number Windward/Leeward Medium	692.8	0.8660
Triple Number Windward/Leeward High	603.5	0.9942

Data in meters/kilograms (Metric)

**HULL AND APPENDAGES (Lightship Trim)**

Class	<b>40 Skerry Cruiser</b>	LOA	<b>13.180</b>	VCGD	<b>-0.395</b>
Measurement	<b>18/04/2014</b>	Max. Beam	<b>2.100</b>	VCGM	<b>-0.350</b>
HIN		Draft	<b>1.678</b>	RM Measured (kg·m)	<b>53.9</b>
Plan review		Displacement	<b>4,445</b>	RM Default (kg·m)	<b>55.5</b>
Hull construction	<b>Solid</b>	Wetted area	<b>22.46</b>	Limit of positive stability(°)	<b>N/A</b>
Carbon Rudder	<b>No</b>	IMS L	<b>10.153</b>	Stability Index	<b>N/A</b>
Light stanchions	<b>No</b>	LSM0	<b>9.581</b>		
Trim tab	<b>No</b>	Acc. length	<b>6.825</b>		
		Sink (kg/mm)	<b>13.69</b>		

**PROPELLER**

Propeller Type	<b>Folding 2 blades</b>										
Installation	<b>Shaft exposed</b>	PRD	<b>0.340</b>	PSD	<b>0.025</b>	PSA	<b>0.6°</b>	ST1	<b>0.020</b>	ST4	<b>0.050</b>
Twin screw	<b>No</b>	PBW	<b>0.080</b>	PHD	<b>0.065</b>	ESL	<b>0.580</b>	ST2	<b>0.090</b>	ST5	<b>0.220</b>
Hydro generator	<b>No</b>	PIPA	<b>0.0032</b>	PHL	<b>0.150</b>			ST3	<b>0.090</b>		

**RIG**

Forestay tension	<b>Aft</b>	P	<b>13.010</b>	E	<b>4.940</b>
Inner stay	<b>None Fitted</b>	IG	<b>9.690</b>	J	<b>2.370</b>
Carbon mast	<b>Yes</b>	ISP	<b>10.460</b>	BAS	<b>1.070</b>
Headsail furler	<b>Yes</b>	MDT1	<b>0.080</b>	FSD	
Mainsail furler	<b>No</b>	MDL1	<b>0.150</b>	SFJ	<b>2.267</b>
Articulated bowsprit	<b>No</b>	MDT2	<b>0.070</b>	SPL	<b>3.850</b>
Non-circular rigging	<b>No</b>	MDL2	<b>0.115</b>	WPL	
Fiber rigging	<b>No</b>	TL	<b>1.800</b>	TPS	
Runners/Checkstays	<b>1</b>	MW		BD	<b>0.170</b>
Spreaders	<b>2</b>	GO	<b>0.000</b>	MWT	
				MCG	

**FLOTATION AND STABILITY**

Calculation method	<b>RM entered directly</b>	SFFP	<b>0.500</b>	SAFP	<b>13.174</b>
Flotation Date	<b>14/06/2021</b>	FFM		FAM	
Measurer		FF	<b>0.827</b>	FA	<b>0.435</b>
Comment		LCFcl	<b>7.328</b>	LCFsh	<b>7.404</b>
		SG	<b>1.0002</b>	HBI	<b>0.698</b>



#### MAINSAIL

<i>Id</i>	<i>MHB</i>	<i>MUW</i>	<i>MTW</i>	<i>MHW</i>	<i>MQW</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Maker</i>	<i>Material</i>	<i>Comment</i>
1	0.17	1.24	2.19	3.31	4.09	39.60	19/07/2022	Hunsails	Dacron	

#### HEADSAIL

<i>Id</i>	<i>HHB</i>	<i>HUW</i>	<i>HTW</i>	<i>HHW</i>	<i>HQW</i>	<i>HLP</i>	<i>HLU</i>	<i>Btn</i>	<i>Flying</i>	<i>FT</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Maker</i>	<i>Material</i>	<i>Comment</i>
B	0.07	0.37	0.75	1.68	2.73	3.90	9.35	No	No		16.81	19/07/2022		Unknown	remeasurement

#### SYMMETRIC SPINNAKER

<i>Id</i>	<i>SLU</i>	<i>SLE</i>	<i>SL</i>	<i>SHW</i>	<i>SFL</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Maker</i>	<i>Material</i>	<i>Comment</i>
1	10.76	10.79	10.78	8.47	7.68	74.63	19/07/2022	Pannon	Nylon	
2	9.95	9.93	9.94	7.28	7.40	60.50	19/07/2022		Unknown	