

APH ToD: **654,1** CDL: **6,183**

APH ToT: **0,9172** CertNo: **25/1**

#### BOAT

Class **Fun**  
Designer **Joubert/Nivelt**  
Builder **Lilia**  
Age date **01/2006**  
Series date **01/1983**  
Offset file **fun-od.off**  
Data file **I641FUN**

#### HULL

Length Overall **7,100 m**  
Maximum Beam **2,358 m**  
Draft **1,550 m**  
Displacement **936 kg**  
DLR **5,9523**  
IMS Division **Sportboat**  
Dynamic Allowance **0,020%**  
Age Allowance **0,487%**

#### PROPELLER

Installation **No Propeller**  
Type **N/A**  
Diameter **N/A**

#### CREW

Maximum weight **400 kg (declared)**  
Minimum weight **270 kg \* when applied**  
Non Manual Power **No**  
Crew Arm Extension

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

	Measured	Rated
Mainsail	<b>15,82</b>	<b>16,13</b>
Headsail Luffed	<b>11,45</b>	<b>11,45</b>
Headsail Flying		
Symmetric	<b>33,05</b>	<b>33,05</b>
Asymmetric		

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

Trysail **4,76**  
Storm Jib **3,03**  
Heavy Weather Jib **8,16**

#### SAIL LIMITS

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

#### STABILITY

Righting Moment **19,1 kg·m**  
Stability Index **102,6**

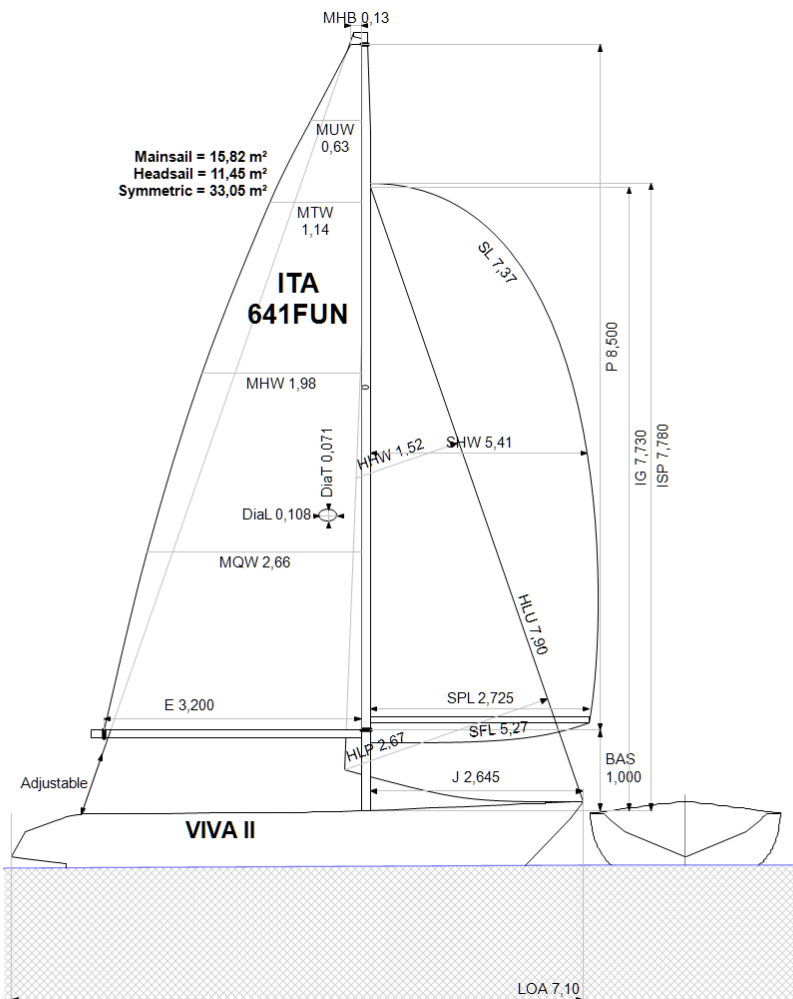
#### COMMENTS

outboard Honda HP 2,3 @4,6 m

#### OWNER

Fico Giovanni C.V.Trasimeno

*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	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	42,0°	42,0°	40,1°	38,2°	36,4°	35,6°	35,4°	36,0°	37,8°
Beat VMG	2,25	3,06	3,65	4,06	4,33	4,45	4,50	4,51	4,41
52°	3,45	4,57	5,29	5,68	5,90	6,06	6,14	6,23	6,23
60°	3,64	4,76	5,43	5,79	6,03	6,22	6,33	6,45	6,49
75°	3,75	4,87	5,52	5,88	6,17	6,42	6,62	6,86	7,00
90°	3,72	4,92	5,68	6,10	6,40	6,59	6,76	7,29	7,72
110°	3,73	4,92	5,68	6,13	6,55	6,96	7,38	8,21	9,22
120°	3,54	4,74	5,55	6,02	6,44	6,89	7,44	9,37	10,76
135°	3,09	4,24	5,13	5,77	6,18	6,59	7,04	8,88	12,34
150°	2,50	3,59	4,56	5,33	5,86	6,24	6,62	7,60	10,46
Run VMG	2,16	3,11	3,95	4,67	5,30	5,75	6,10	6,81	9,06
Gybe Angles	147,6°	147,6°	152,5°	158,8°	165,5°	175,4°	177,2°	175,4°	140,7°

Time Allowances in secs/NM									
Wind Velocity	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat VMG	1600,5	1177,8	985,4	886,7	831,7	808,9	800,1	798,4	816,0
52°	1044,5	788,1	680,2	634,2	609,7	594,0	586,1	578,2	578,1
60°	988,9	756,3	662,5	621,7	596,9	579,0	568,4	557,8	554,5
75°	959,5	739,4	652,7	612,4	583,6	561,1	544,1	524,7	514,5
90°	967,3	732,3	634,3	590,4	562,3	546,5	532,8	493,7	466,3
110°	966,2	732,0	634,2	587,7	549,9	517,6	487,6	438,5	390,5
120°	1017,1	759,4	648,1	597,8	558,8	522,5	483,9	384,0	334,5
135°	1164,4	849,1	701,8	623,6	582,5	546,5	511,2	405,5	291,8
150°	1442,1	1003,8	790,3	675,5	614,7	577,4	544,0	473,5	344,2
Run VMG	1669,3	1159,1	910,4	770,9	679,4	626,6	590,2	528,8	397,4
Selected Courses									
Windward / Leeward	1632,6	1168,5	947,9	828,8	755,5	717,7	695,1	663,6	606,7
All purpose	1231,8	904,8	755,8	680,0	634,4	606,3	585,1	545,2	500,9

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	791,9	0,7577
All purpose	654,1	0,9172

Data in meters/kilograms (Metric)

**HULL AND APPENDAGES (Lightship Trim)**

Class	Fun	LOA	7,100	VCGD	-0,087
Measurement	21/03/2024	Max. Beam	2,358	VCGM	-0,092
HIN		Draft	1,550	RM Rated (kg-m)	19,1
Plan review		Displacement	936	Limit of positive stability(°)	111,4
Hull construction	Solid	Wetted area	8,85	Stability Index	102,6
Carbon rudder	No	IMS L	5,919	Default crew weight	286
Light stanchions	No	LSM0	5,396	Declared crew weight	400
Trim tab	No	Acc. length	7,100		
		Sink (kg/mm)	6,72		

**PROPELLER**

Propeller Type	No Propeller
Hydro generator	No

**RIG**

Forestay tension	Aft	P	8,500	E	3,200
Inner stay	None Fitted	IG	7,730	J	2,645
Mast material	Aluminum	ISP	7,780	BAS	1,000
Single headsail furler	No	MDT1	0,071	FSD	
Mainsail furler	No	MDL1	0,108	SFJ	
Articulated bowsprit	No	MDT2	0,058	SPL	2,725
Non-circular rigging	No	MDL2	0,071	WPL	
Fiber rigging	No	TL	1,100	TPS	
Adjustable mast foot	No	MW	0,108	BD	0,100
Running backstays	0	GO	0,123	MWT	29,00
Checkstays	0			MCG	3,280
Spreaders	1				
Rotating mast	No				

**FLOTATION AND STABILITY**

Calculation method	Boom inclining	SFFP	0,472	SAFP	6,238	W1	17,5	PD1	219,2	WD	3,040
Flotation Date	21/03/2024	FFM	0,773	FAM	0,667	W2	17,5	PD2	220,3	PLM	9000,00
Measurer	FIV-120	FF	0,778	FA	0,670	W3	17,5	PD3	220,1	GSA	1,0
Comment	COND. OTTIME	LCFcl	3,841	LCFsh	4,007	W4	17,5	PD4	219,2	RSA	1,0
		SG	1,0000	HBI	0,699	LCFD	3,640			RM	19,1

**INVENTORY**

OTHER ITEMS	Id	Kind	Description	Weight	LCG	VCG
	A	Battery		13	4,60	-0,02
	A	Engine	Honda hp 2,3			
<i>Total deductible</i>				<b>0</b>		

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**MAINSAIL**

<i><b>Id</b></i>	<i><b>MHB</b></i>	<i><b>MUW</b></i>	<i><b>MTW</b></i>	<i><b>MHW</b></i>	<i><b>MQW</b></i>	<i><b>Area</b></i>	<i><b>Meas.Date</b></i>	<i><b>Comment</b></i>
A	0,13	0,63	1,14	1,98	2,66	15,82	21/03/2024	

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**HEADSAIL**

<i><b>Id</b></i>	<i><b>HHB</b></i>	<i><b>HUW</b></i>	<i><b>HTW</b></i>	<i><b>HHW</b></i>	<i><b>HQW</b></i>	<i><b>HLP</b></i>	<i><b>HLU</b></i>	<i><b>Btn</b></i>	<i><b>Flying FT</b></i>	<i><b>Area</b></i>	<i><b>Meas.Date</b></i>	<i><b>Comment</b></i>
A	0,06	0,42	0,81	1,52	2,16	2,67	7,90	Yes	No	11,45	21/03/2024	
B						2,32	6,67	Yes	No	7,88	21/03/2024	

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**SYMMETRIC SPINNAKER**

<i><b>Id</b></i>	<i><b>SLU</b></i>	<i><b>SLE</b></i>	<i><b>SL</b></i>	<i><b>SHW</b></i>	<i><b>SFL</b></i>	<i><b>Area</b></i>	<i><b>Meas.Date</b></i>	<i><b>Comment</b></i>
A	7,37	7,37	7,37	5,41	5,27	33,05	21/03/2024	S-1,5
B	7,36	7,36	7,36	5,26	5,28	32,29	21/03/2024	S-2