

APH ToD: **623.5** CDL: **6.961**

APH ToT: **0.9623** CertNo: **25/1**

BOAT

Class **6 Metri S.I.**
Designer **Eslander**
Builder **Baglietto**
Age date **11/1938**
Series date **11/1938**
Offset file **BAUBAACL.OFF**
Data file **I58_6M**

HULL

Length Overall **10.780 m**
Maximum Beam **2.030 m**
Draft **1.565 m**
Displacement **4,510 kg**
DLR **12.2413**
IMS Division **Performance**
Dynamic Allowance **0.250%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **390 kg (declared)**
Minimum weight **260 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	36.08	37.29
Headsail Luffed	27.71	27.71
Headsail Flying		
Symmetric	66.32	66.32
Asymmetric		

STORM SAIL AREAS (m²)

Trysail **10.29**
Storm Jib **4.76**
Heavy Weather Jib **12.85**

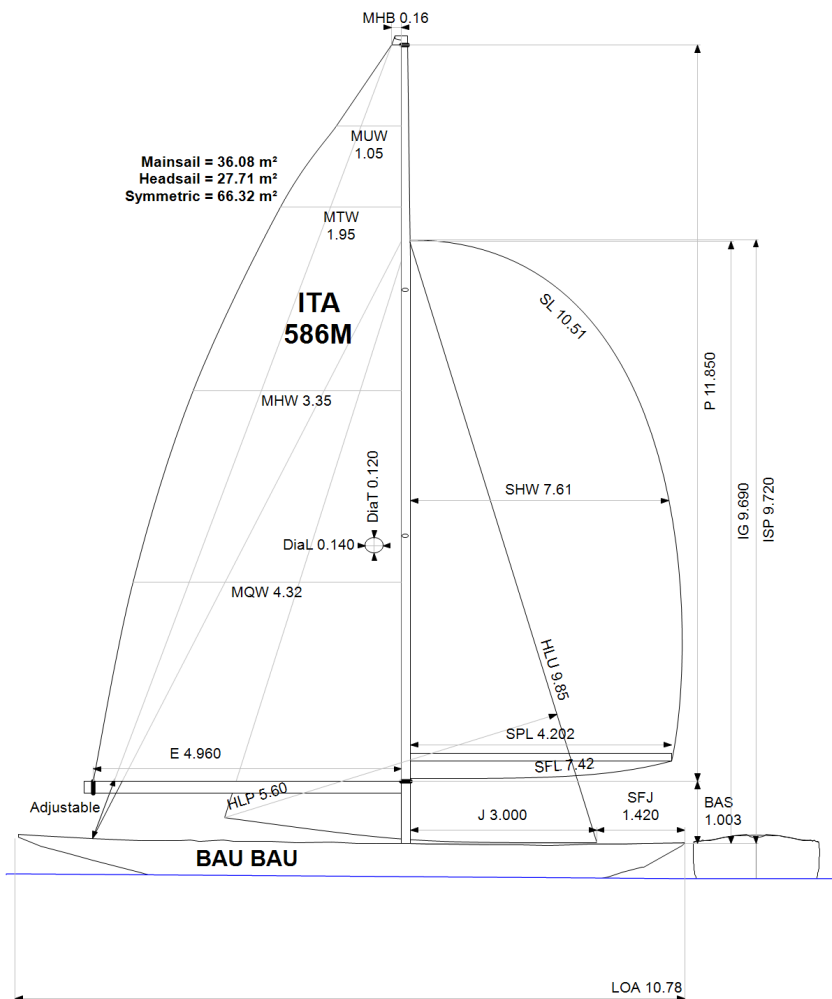
SAIL LIMITS

Headsails **5 * Woven polyester sails**
Spinnakers **4**

STABILITY

Righting Moment **N/A**
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	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	41.1°	41.1°	39.9°	39.7°	39.4°	39.2°	39.1°	39.0°	40.5°
Beat VMG	2.76	3.51	3.89	4.09	4.20	4.30	4.37	4.46	4.41
52°	4.14	5.22	5.72	5.96	6.08	6.18	6.26	6.37	6.40
60°	4.34	5.46	5.95	6.17	6.29	6.39	6.47	6.57	6.62
75°	4.48	5.64	6.16	6.40	6.54	6.65	6.74	6.86	6.94
90°	4.40	5.61	6.21	6.52	6.71	6.85	6.95	7.12	7.23
110°	4.15	5.45	6.23	6.60	6.78	6.93	7.05	7.30	7.52
120°	3.96	5.30	6.18	6.63	6.91	7.09	7.23	7.47	7.66
135°	3.44	4.74	5.76	6.45	6.82	7.11	7.37	7.87	8.19
150°	2.84	4.02	5.05	5.91	6.51	6.87	7.16	7.75	8.46
Run VMG	2.46	3.49	4.38	5.15	5.83	6.35	6.72	7.29	7.86
Gybe Angles	145.7°	145.7°	151.4°	155.7°	162.4°	171.7°	178.6°	179.3°	178.4°

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	1303.9	1024.8	924.7	879.1	856.4	837.4	823.2	807.4	817.2
52°	869.5	689.5	629.5	604.4	592.4	582.5	575.1	565.5	562.6
60°	829.0	659.4	604.6	583.2	572.2	563.3	556.7	547.5	543.4
75°	802.8	638.0	584.1	562.2	550.4	541.4	534.3	524.7	519.1
90°	817.9	642.1	579.3	552.2	536.8	525.7	517.7	505.7	498.1
110°	866.5	660.8	577.8	545.8	530.7	519.6	510.8	493.4	479.0
120°	908.0	679.5	582.2	543.2	521.4	507.6	497.8	482.1	469.7
135°	1046.3	758.8	624.8	558.0	527.6	506.4	488.2	457.2	439.5
150°	1266.0	894.5	713.0	609.1	552.6	524.2	502.5	464.5	425.6
Run VMG	1464.5	1032.9	822.4	699.4	617.0	567.3	535.6	493.8	458.1
Selected Courses									
Windward / Leeward	1377.3	1028.8	873.6	789.3	736.7	702.3	679.4	650.6	637.6
All purpose	1049.4	797.3	691.4	639.1	609.9	590.8	577.0	556.9	546.0

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	758.6	0.7909
All purpose	623.5	0.9623

Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	6 Metri S.I.	LOA	10.780	VCGD	-0.200
Measurement	08/07/1990	Max. Beam	2.030	VCGM	-0.172
HIN		Draft	1.565	RM Rated (kg-m)	28.7
Plan review		Displacement	4,510	Limit of positive stability(°)	N/A
Hull construction	Solid	Wetted area	18.09	Stability Index	N/A
Carbon rudder	No	IMS L	7.842	Default crew weight	428
Light stanchions	No	LSM0	7.168	Declared crew weight	390
Trim tab	No	Acc. length	6.598		
		Sink (kg/mm)	10.80		

PROPELLER

Propeller Type **No Propeller**
Hydro generator **No**

RIG

Forestay tension	Aft	P	11.850	E	4.960
Inner stay	None Fitted	IG	9.690	J	3.000
Mast material	Wood	ISP	9.720	BAS	1.003
Single headsail furler	No	MDT1	0.120	FSD	No Foil
Mainsail furler	No	MDL1	0.140	SFJ	1.420
Articulated bowsprit	No	MDT2	0.100	SPL	4.202
Non-circular rigging	No	MDL2	0.100	WPL	
Fiber rigging	No	TL	3.500	TPS	
Adjustable mast foot	No	MW	0.140	BD	0.190
Running backstays	1	GO	0.160	MWT	
Checkstays	0			MCG	
Spreaders	2				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method **VCG entered directly**
VCG entered **-0.200**
Flotation Date **13/10/2023**

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>Comment</i>
ORC	0.16	1.05	1.95	3.35	4.32	36.08		* Copied from legacy *

HEADSAIL

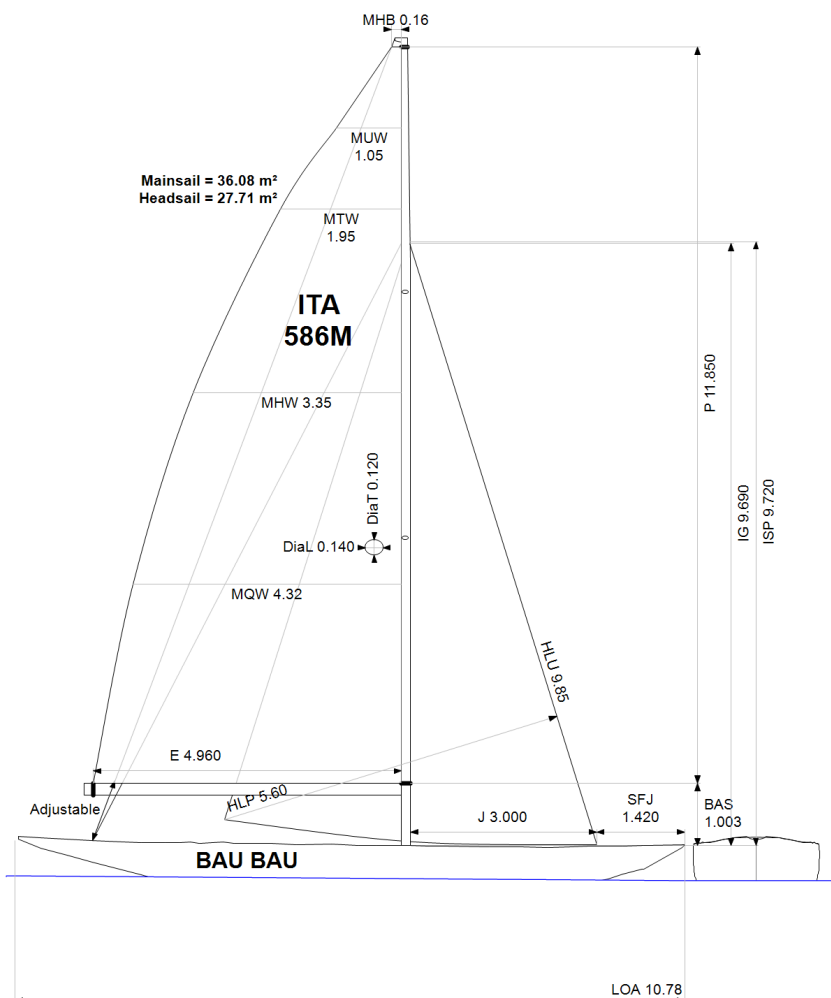
<i>Id</i>	<i>HHB</i>	<i>HUW</i>	<i>HTW</i>	<i>HHW</i>	<i>HQW</i>	<i>HLP</i>	<i>HLU</i>	<i>Btn</i>	<i>Flying FT</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	0.03	0.00	0.00	0.00	0.00	5.60	9.85	No	No	27.71		

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>Comment</i>
A	10.51	10.51	10.51	7.61	7.42	66.32	22/03/2019	

APH ToD: **638.5** CDL: **6.955**

APH ToT: **0.9398** CertNo: **25/1**



BOAT

Class **6 Metri S.I.**
Designer **Eslander**
Builder **Baglietto**
Age date **11/1938**
Series date **11/1938**
Offset file **BAUBAUCL.OFF**
Data file **I58_6M**

HULL

Length Overall **10.780 m**
Maximum Beam **2.030 m**
Draft **1.565 m**
Displacement **4,510 kg**
DLR **12.2413**
IMS Division **Performance**
Dynamic Allowance **0.330%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **390 kg (declared)**
Minimum weight **260 kg * when applied**
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	36.08	37.29
Headsail Luffed	27.71	27.71

Headsail Flying
Symmetric
Asymmetric

STORM SAIL AREAS (m²)

Trysail **10.29**
Storm Jib **4.76**
Heavy Weather Jib **12.85**

SAIL LIMITS

Headsails **5 * Zero set flying**
*** Woven polyester sails**
Spinnakers **0 * No spinnaker pole aboard**

STABILITY

Righting Moment **N/A**
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	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	41.0°	41.0°	39.9°	39.7°	39.5°	39.2°	39.1°	39.1°	40.5°
Beat VMG	2.76	3.51	3.89	4.09	4.20	4.30	4.37	4.45	4.40
52°	4.14	5.22	5.72	5.95	6.08	6.18	6.26	6.37	6.40
60°	4.34	5.46	5.95	6.17	6.29	6.39	6.47	6.58	6.62
75°	4.49	5.64	6.16	6.40	6.54	6.65	6.74	6.86	6.94
90°	4.40	5.61	6.21	6.52	6.71	6.85	6.95	7.12	7.23
110°	3.86	5.16	6.02	6.49	6.78	6.98	7.12	7.32	7.52
120°	3.58	4.87	5.82	6.39	6.73	6.97	7.19	7.52	7.70
135°	3.09	4.29	5.27	6.02	6.49	6.80	7.06	7.50	7.96
150°	2.52	3.62	4.59	5.37	6.00	6.42	6.72	7.19	7.64
Run VMG	2.19	3.14	3.97	4.72	5.43	6.02	6.44	7.00	7.47
Gybe Angles	144.8°	144.8°	147.8°	168.7°	170.1°	172.7°	174.7°	176.1°	175.9°



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	1303.5	1024.8	925.0	879.6	857.0	838.0	823.8	808.2	818.0
52°	869.2	689.6	629.8	604.6	592.5	582.6	575.2	565.6	562.7
60°	828.8	659.5	604.9	583.3	572.2	563.3	556.6	547.5	543.4
75°	802.6	638.0	584.2	562.2	550.3	541.3	534.2	524.6	519.1
90°	817.7	642.1	579.4	552.4	536.8	525.6	517.7	505.6	498.2
110°	931.5	698.2	598.2	554.6	531.2	515.5	505.3	491.9	478.9
120°	1005.0	738.5	618.6	563.2	535.1	516.2	501.0	478.9	467.2
135°	1164.7	838.3	682.7	598.2	554.9	529.1	510.2	479.7	452.0
150°	1425.8	994.3	784.7	670.1	600.2	560.6	535.8	501.0	471.0
Run VMG	1642.1	1148.1	906.1	763.4	662.7	598.0	558.9	514.4	481.6
Selected Courses									
Windward / Leeward	1464.2	1086.5	915.6	821.5	759.8	718.0	691.4	661.3	649.8
All purpose	1104.7	833.4	716.7	657.5	623.1	600.0	584.6	564.5	554.2

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	783.9	0.7654
All purpose	638.5	0.9398

Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	6 Metri S.I.	LOA	10.780	VCGD	-0.200
Measurement	08/07/1990	Max. Beam	2.030	VCGM	-0.172
HIN		Draft	1.565	RM Rated (kg-m)	28.7
Plan review		Displacement	4,510	Limit of positive stability(°)	N/A
Hull construction	Solid	Wetted area	18.09	Stability Index	N/A
Carbon rudder	No	IMS L	7.837	Default crew weight	428
Light stanchions	No	LSM0	7.168	Declared crew weight	390
Trim tab	No	Acc. length	6.598		
		Sink (kg/mm)	10.80		

PROPELLER

Propeller Type **No Propeller**
Hydro generator **No**

RIG

Forestay tension	Aft	P	11.850	E	4.960
Inner stay	None Fitted	IG	9.690	J	3.000
Mast material	Wood	ISP	9.720	BAS	1.003
Single headsail furler	No	MDT1	0.120	FSD	No Foil
Mainsail furler	No	MDL1	0.140	SFJ	1.420
Articulated bowsprit	No	MDT2	0.100	SPL	
Non-circular rigging	No	MDL2	0.100	WPL	
Fiber rigging	No	TL	3.500	TPS	
Adjustable mast foot	No	MW	0.140	BD	0.190
Running backstays	1	GO	0.160	MWT	
Checkstays	0			MCG	
Spreaders	2				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method **VCG entered directly**
VCG entered **-0.200**
Flotation Date **13/10/2023**



Non Spin/HSF
Club Certificate
2025

BAU BAU
ITA-58_6M

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E-mail segreteria@uvai.it



MAINSAIL

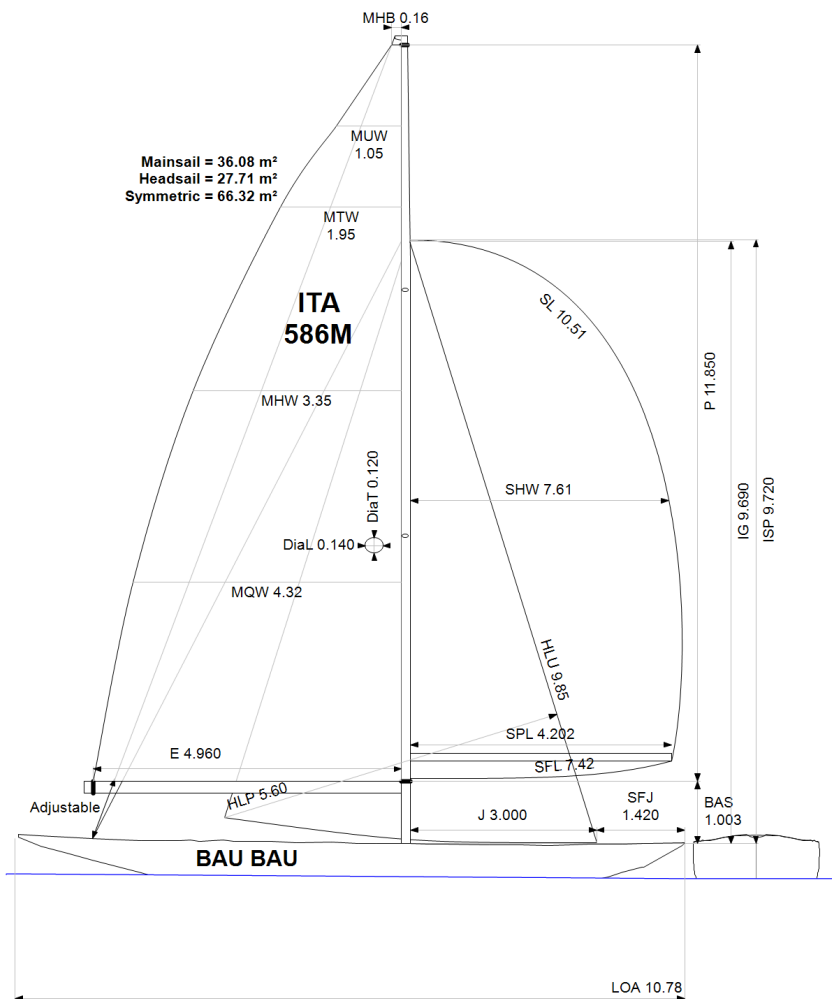
<i>Id</i>	<i>MHB</i>	<i>MUW</i>	<i>MTW</i>	<i>MHW</i>	<i>MQW</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
ORC	0.16	1.05	1.95	3.35	4.32	36.08		* Copied from legacy *

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 FT</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	0.03	0.00	0.00	0.00	0.00	5.60	9.85	No	No	27.71		

APH ToD: **640.3** CDL: **6.578**

APH ToT: **0.9371** CertNo: **25/1**



BOAT

Class **6 Metri S.I.**
Designer **Eslander**
Builder **Baglietto**
Age date **11/1938**
Series date **11/1938**
Offset file **BAUBAACL.OFF**
Data file **I58_6M**

HULL

Length Overall **10.780 m**
Maximum Beam **2.030 m**
Draft **1.565 m**
Displacement **4,510 kg**
DLR **12.2413**
IMS Division **Performance**
Dynamic Allowance **0.290%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **160 kg** (declared)
Minimum weight **120 kg** * when applied
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	36.08	37.29
Headsail Luffed	27.71	27.71
Headsail Flying		
Symmetric	66.32	66.32
Asymmetric		

STORM SAIL AREAS (m²)

Trysail **10.29**
Storm Jib **4.76**
Heavy Weather Jib **12.85**

SAIL LIMITS

Headsails **5** * Woven polyester sails
Spinnakers **4**

STABILITY

Righting Moment **N/A**
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	4 kt	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	24 kt
Beat Angles	41.6°	41.6°	40.7°	40.6°	40.7°	40.8°	40.8°	41.2°	43.2°
Beat VMG	2.67	3.37	3.71	3.89	3.99	4.07	4.13	4.19	4.10
52°	4.03	5.06	5.52	5.75	5.88	5.99	6.07	6.16	6.16
60°	4.24	5.32	5.78	6.01	6.13	6.23	6.30	6.40	6.43
75°	4.40	5.54	6.04	6.27	6.41	6.52	6.60	6.72	6.78
90°	4.35	5.52	6.11	6.42	6.60	6.73	6.83	6.99	7.09
110°	4.08	5.36	6.12	6.42	6.61	6.79	6.95	7.19	7.39
120°	3.93	5.24	6.10	6.54	6.77	6.92	7.05	7.25	7.44
135°	3.46	4.75	5.74	6.40	6.77	7.04	7.30	7.61	7.86
150°	2.86	4.04	5.06	5.91	6.50	6.84	7.13	7.71	8.42
Run VMG	2.47	3.50	4.38	5.15	5.83	6.33	6.70	7.28	7.86
Gybe Angles	146.0°	146.0°	151.4°	156.0°	163.1°	172.1°	178.6°	178.9°	178.4°

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	1348.3	1067.4	971.1	925.9	903.0	884.3	870.8	859.0	879.0
52°	893.7	711.8	652.5	625.6	612.0	601.1	593.2	584.2	584.7
60°	848.2	676.8	622.3	599.4	587.5	578.0	571.0	562.2	559.7
75°	817.3	650.0	595.8	574.1	562.0	552.4	545.4	535.9	530.8
90°	828.3	651.6	589.0	561.2	545.3	535.0	526.7	514.9	507.9
110°	881.5	671.7	588.4	560.6	544.3	530.0	518.0	500.7	486.8
120°	915.4	687.0	590.1	550.7	532.0	520.2	510.7	496.4	484.2
135°	1040.9	758.1	627.1	562.1	532.0	511.2	493.3	473.0	458.0
150°	1258.8	891.3	712.0	609.3	554.3	526.2	504.6	467.0	427.7
Run VMG	1455.8	1029.2	821.2	698.9	617.5	568.4	537.1	494.6	458.3
Selected Courses									
Windward / Leeward	1394.4	1048.3	896.1	812.4	760.3	726.3	703.9	676.8	668.6
All purpose	1063.7	812.0	707.7	655.9	626.8	607.6	593.7	575.5	567.6

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	782.1	0.7672
All purpose	640.3	0.9371

Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	6 Metri S.I.	LOA	10.780	VCGD	-0.200
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Plan review		Displacement	4,510	Limit of positive stability(°)	N/A
Hull construction	Solid	Wetted area	18.09	Stability Index	N/A
Carbon rudder	No	IMS L	7.686	Default crew weight	170
Light stanchions	No	LSM0	7.168	Declared crew weight	160
Trim tab	No	Acc. length	6.598		
		Sink (kg/mm)	10.80		

PROPELLER

Propeller Type **No Propeller**
Hydro generator **No**

RIG

Forestay tension	Aft	P	11.850	E	4.960
Inner stay	None Fitted	IG	9.690	J	3.000
Mast material	Wood	ISP	9.720	BAS	1.003
Single headsail furler	No	MDT1	0.120	FSD	No Foil
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Articulated bowsprit	No	MDT2	0.100	SPL	4.202
Non-circular rigging	No	MDL2	0.100	WPL	
Fiber rigging	No	TL	3.500	TPS	
Adjustable mast foot	No	MW	0.140	BD	0.190
Running backstays	1	GO	0.160	MWT	
Checkstays	0			MCG	
Spreaders	2				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method **VCG entered directly**
VCG entered **-0.200**
Flotation Date **13/10/2023**

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>Comment</i>
ORC	0.16	1.05	1.95	3.35	4.32	36.08		* Copied from legacy *

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 FT</i>	<i>Area</i>	<i>Meas.Date</i>	<i>Comment</i>
A	0.03	0.00	0.00	0.00	0.00	5.60	9.85	No	No	27.71		

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>Comment</i>
A	10.51	10.51	10.51	7.61	7.42	66.32	22/03/2019	