

APH ToD: **641.8** CDL: **6.385**

APH ToT: **0.9349** CertNo: **25/1**

BOAT

Class **Fun**
Designer **Joubert/Nivelt**
Builder **Jeanneau**
Age date **01/1982**
Series date **01/1982**
Offset file **fun-od.off**
Data file **STS25**

HULL

Length Overall **7.100 m**
Maximum Beam **2.358 m**
Draft **1.542 m**
Displacement **888 kg**
DLR **5.6897**
IMS Division **Sportboat**
Dynamic Allowance **0.000%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **380 kg** (declared)
Minimum weight **250 kg** * when applied
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	16.12	16.48
Headsail Luffed	14.33	14.33
Headsail Flying		
Symmetric	33.32	33.32
Asymmetric		

STORM SAIL AREAS (m²)

Trysail **4.76**
Storm Jib **3.03**
Heavy Weather Jib **8.16**

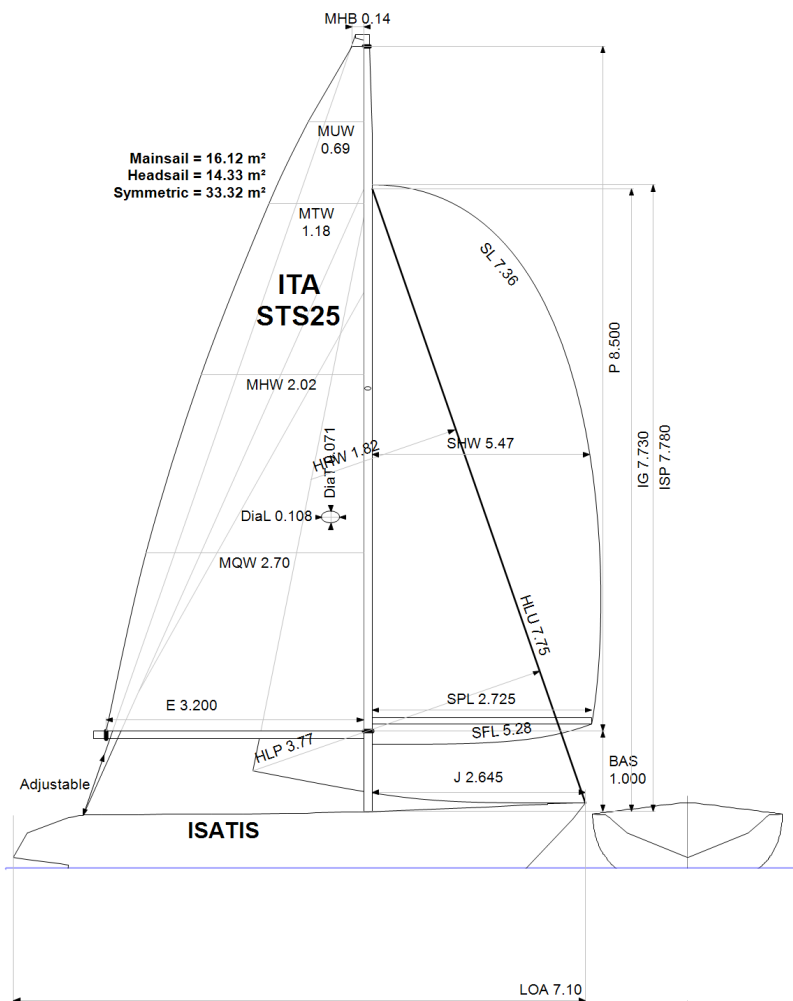
SAIL LIMITS

Headsails **5**
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	41.0°	41.0°	38.7°	36.4°	35.1°	34.8°	34.9°	35.5°	37.4°
Beat VMG	2.43	3.28	3.89	4.28	4.46	4.52	4.55	4.55	4.45
52°	3.73	4.86	5.51	5.83	6.03	6.12	6.18	6.24	6.23
60°	3.92	5.04	5.63	5.94	6.16	6.29	6.37	6.47	6.49
75°	4.02	5.12	5.69	6.03	6.31	6.54	6.69	6.89	6.99
90°	3.85	5.02	5.72	6.13	6.42	6.63	6.92	7.38	7.72
110°	3.79	4.98	5.72	6.18	6.61	7.02	7.44	8.21	9.17
120°	3.60	4.80	5.60	6.07	6.51	6.98	7.58	9.43	10.76
135°	3.14	4.29	5.18	5.82	6.23	6.66	7.15	9.30	12.64
150°	2.52	3.62	4.60	5.37	5.90	6.29	6.69	7.79	10.91
Run VMG	2.17	3.13	3.99	4.71	5.34	5.78	6.15	6.89	9.45
Gybe Angles	147.4°	147.4°	152.4°	158.8°	165.7°	175.4°	177.2°	169.0°	141.9°



Club Certificate
2025

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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	1481.4	1097.8	925.6	841.3	807.1	796.0	790.9	791.5	809.5
52°	964.7	741.0	653.1	617.4	597.4	588.1	582.8	576.7	577.6
60°	917.7	714.9	639.5	606.3	584.4	572.0	565.4	556.7	554.4
75°	895.2	703.1	633.2	597.0	570.3	550.7	538.1	522.9	514.7
90°	934.6	716.9	629.1	587.1	560.9	542.6	520.3	488.1	466.5
110°	950.1	723.0	629.0	582.5	544.9	512.5	483.9	438.6	392.6
120°	1001.0	750.0	642.5	593.0	553.2	515.6	475.0	381.8	334.6
135°	1147.4	838.5	694.9	619.1	577.6	540.7	503.2	387.0	284.8
150°	1431.0	995.2	783.1	670.0	610.4	572.5	538.3	462.4	329.9
Run VMG	1655.7	1149.2	902.3	764.3	674.4	622.5	585.7	522.4	381.0
Selected Courses									
Windward / Leeward	1565.7	1123.5	913.9	802.8	740.7	709.2	688.3	657.0	595.2
All purpose	1179.6	872.6	734.3	664.2	624.1	599.2	578.5	539.5	495.9

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	773.9	0.7753
All purpose	641.8	0.9349

Data in meters/kilograms (Metric)

HULL AND APPENDAGES (Lightship Trim)

Class	Fun	LOA	7.100	VCGD	-0.051
Measurement		Max. Beam	2.358	VCGM	-0.047
HIN		Draft	1.542	RM Rated (kg·m)	18.0
Plan review		Displacement	888	Limit of positive stability(°)	N/A
Hull construction	Cored	Wetted area	8.75	Stability Index	N/A
Carbon rudder	No	IMS L	5.923	Default crew weight	285
Light stanchions	No	LSM0	5.384	Declared crew weight	380
Trim tab	No	Acc. length	7.100		
		Sink (kg/mm)	6.66		

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	Foil
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	1	GO	0.123	MWT	
Checkstays	1			MCG	
Spreaders	1				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	Poles inclining	W1	17.5	PD1	564.4	WD	7.420
Flotation Date	29/03/2013	W2	17.5	PD2	569.0	PLM	9000.00
		W3	17.5	PD3	568.7	GSA	1.0
		W4	17.5	PD4	571.8	RSA	1.0
						RM	18.0



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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>
A	0.14	0.69	1.18	2.02	2.70	16.12	24/03/2025	

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	0.04	0.45	0.87	1.82	2.79	3.77	7.75	Yes	No	14.33	24/03/2025	

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	7.36	7.36	7.36	5.47	5.28	33.32	24/03/2025	

APH ToD: **669.2** CDL: **6.092**

APH ToT: **0.8966** CertNo: **25/1**

BOAT

Class **Fun**
Designer **Joubert/Nivelt**
Builder **Jeanneau**
Age date **01/1982**
Series date **01/1982**
Offset file **fun-od.off**
Data file **STS25**

HULL

Length Overall **7.100 m**
Maximum Beam **2.358 m**
Draft **1.542 m**
Displacement **888 kg**
DLR **5.6897**
IMS Division **Sportboat**
Dynamic Allowance **0.090%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **240 kg** (declared)
Minimum weight **130 kg** * when applied
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	16.12	16.48
Headsail Luffed	14.33	14.33
Headsail Flying		
Symmetric		
Asymmetric		

STORM SAIL AREAS (m²)

Trysail **4.76**
Storm Jib **3.03**
Heavy Weather Jib **8.16**

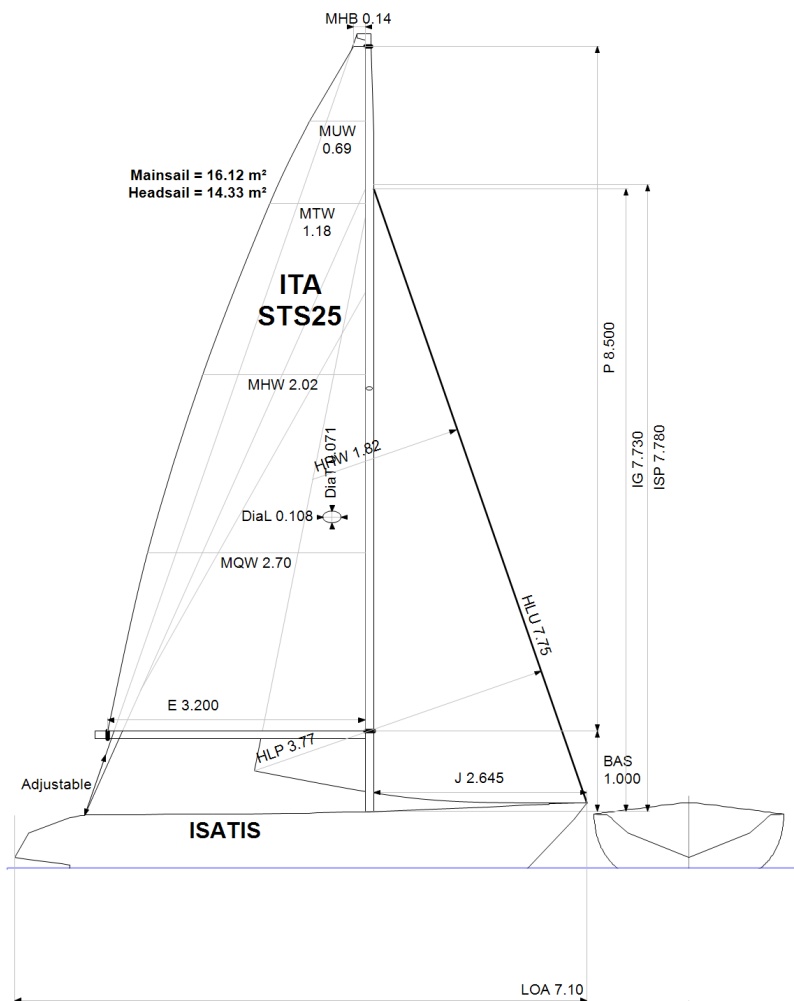
SAIL LIMITS

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

STABILITY

Righting Moment **N/A**
Stability Index **N/A**

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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	40.9°	40.9°	38.4°	36.7°	36.3°	36.4°	36.6°	37.6°	39.8°
Beat VMG	2.47	3.33	3.92	4.21	4.30	4.33	4.34	4.31	4.19
52°	3.81	4.91	5.52	5.79	5.90	5.96	6.00	6.03	6.01
60°	4.00	5.09	5.63	5.91	6.06	6.14	6.20	6.26	6.25
75°	4.09	5.18	5.71	6.03	6.27	6.42	6.52	6.67	6.72
90°	3.97	5.08	5.68	6.04	6.35	6.62	6.84	7.14	7.33
110°	3.42	4.60	5.43	5.90	6.29	6.67	7.08	8.03	8.84
120°	3.18	4.36	5.24	5.77	6.15	6.54	6.96	8.22	10.40
135°	2.71	3.83	4.78	5.45	5.88	6.24	6.61	7.57	10.10
150°	2.25	3.25	4.16	4.88	5.44	5.81	6.13	6.84	7.82
Run VMG	1.96	2.82	3.60	4.36	5.03	5.53	5.90	6.58	7.40
Gybe Angles	145.3°	145.3°	146.7°	170.5°	172.8°	175.0°	175.9°	175.4°	173.0°



Non Spin/HSF
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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	1457.0	1081.9	919.0	856.0	838.0	831.7	828.9	835.8	859.8
52°	944.8	732.6	652.4	621.7	610.0	604.2	600.0	597.0	599.5
60°	899.7	707.4	639.0	608.8	593.8	586.6	581.0	575.3	575.8
75°	879.4	694.8	630.2	596.8	573.9	560.4	552.0	539.9	536.1
90°	907.4	708.1	633.4	595.8	566.7	543.7	526.4	504.5	491.2
110°	1053.1	781.8	663.3	610.2	572.4	539.7	508.7	448.6	407.5
120°	1132.6	825.8	687.0	624.3	585.0	550.3	517.2	438.1	346.2
135°	1329.1	939.7	753.9	660.8	612.6	576.7	544.3	475.9	356.5
150°	1603.1	1106.2	865.0	737.4	662.3	619.4	587.4	526.7	460.1
Run VMG	1834.1	1277.3	998.8	825.3	715.9	650.6	610.2	547.5	486.3
Selected Courses									
Windward / Leeward	1643.5	1179.6	958.9	840.7	776.9	741.1	719.5	691.6	673.0
All purpose	1235.8	909.7	762.1	689.9	650.2	625.2	606.4	575.1	546.3

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	810.8	0.7400
All purpose	669.2	0.8966



Data in **meters/kilograms (Metric)**

HULL AND APPENDAGES (Lightship Trim)

Class	Fun	LOA	7.100	VCGD	-0.051
Measurement		Max. Beam	2.358	VCGM	-0.047
HIN		Draft	1.542	RM Rated (kg·m)	18.0
Plan review		Displacement	888	Limit of positive stability(°)	N/A
Hull construction	Cored	Wetted area	8.75	Stability Index	N/A
Carbon rudder	No	IMS L	5.833	Default crew weight	285
Light stanchions	No	LSM0	5.384	Declared crew weight	240
Trim tab	No	Acc. length	7.100		
		Sink (kg/mm)	6.66		

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	Foil
Mainsail furler	No	MDL1	0.108	SFJ	
Articulated bowsprit	No	MDT2	0.058	SPL	
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	1	GO	0.123	MWT	
Checkstays	1			MCG	
Spreaders	1				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	Poles inclining	W1	17.5	PD1	564.4	WD	7.420
Flotation Date	29/03/2013	W2	17.5	PD2	569.0	PLM	9000.00
		W3	17.5	PD3	568.7	GSA	1.0
		W4	17.5	PD4	571.8	RSA	1.0
						RM	18.0



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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>
A	0.14	0.69	1.18	2.02	2.70	16.12	24/03/2025	

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	0.04	0.45	0.87	1.82	2.79	3.77	7.75	Yes	No	14.33	24/03/2025	

APH ToD: **673.2** CDL: **5.902**

APH ToT: **0.8912** CertNo: **25/1**

BOAT

Class **Fun**
Designer **Joubert/Nivelt**
Builder **Jeanneau**
Age date **01/1982**
Series date **01/1982**
Offset file **fun-od.off**
Data file **STS25**

HULL

Length Overall **7.100 m**
Maximum Beam **2.358 m**
Draft **1.542 m**
Displacement **888 kg**
DLR **5.6897**
IMS Division **Sportboat**
Dynamic Allowance **0.090%**
Age Allowance **0.487%**

PROPELLER

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

CREW

Maximum weight **180 kg** (declared)
Minimum weight **120 kg** * when applied
Non Manual Power **No**
Crew Arm Extension

SAIL AREAS (m²)

	Measured	Rated
Mainsail	16.12	16.48
Headsail Luffed	14.33	14.33
Headsail Flying		
Symmetric		
Asymmetric		

STORM SAIL AREAS (m²)

Trysail **4.76**
Storm Jib **3.03**
Heavy Weather Jib **8.16**

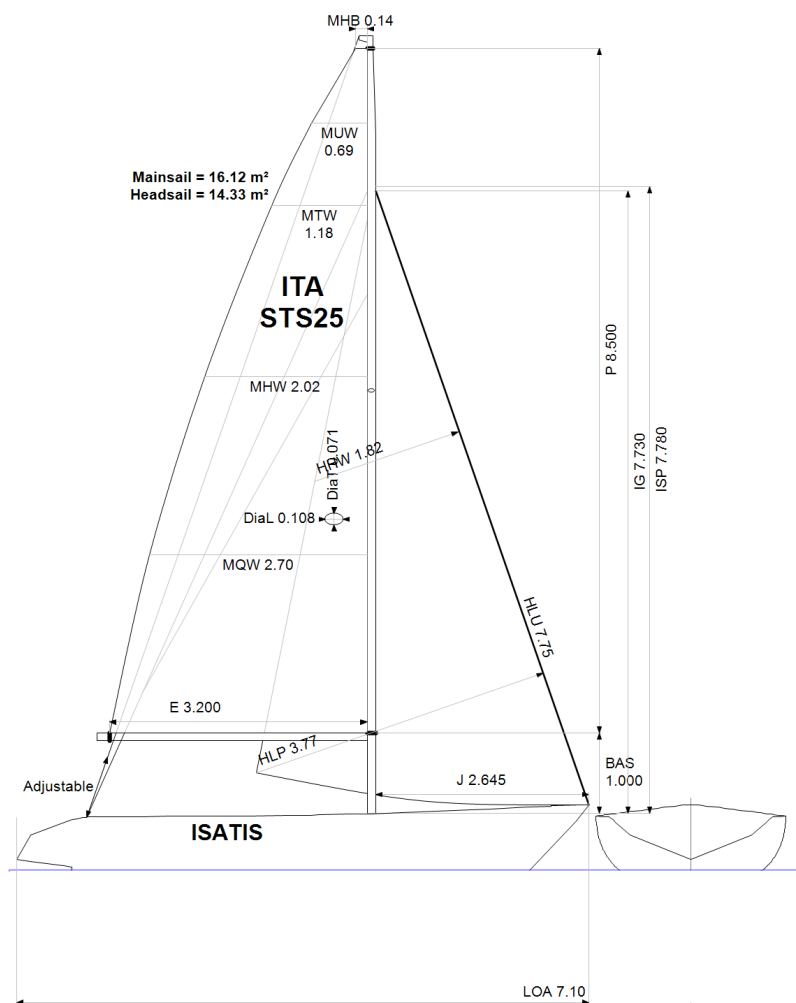
SAIL LIMITS

Headsails **5**
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	40.8°	40.8°	38.2°	37.2°	37.1°	37.3°	37.6°	39.2°	41.4°
Beat VMG	2.50	3.35	3.90	4.12	4.19	4.21	4.22	4.15	4.01
52°	3.82	4.92	5.51	5.73	5.82	5.86	5.90	5.91	5.86
60°	4.01	5.10	5.63	5.88	5.98	6.04	6.10	6.14	6.12
75°	4.12	5.20	5.71	6.02	6.23	6.34	6.43	6.55	6.58
90°	4.01	5.12	5.69	6.05	6.35	6.59	6.76	7.01	7.17
110°	3.45	4.64	5.45	5.92	6.31	6.69	7.09	7.81	8.41
120°	3.21	4.39	5.27	5.79	6.19	6.59	7.02	8.26	9.87
135°	2.73	3.86	4.81	5.47	5.90	6.28	6.67	7.70	10.40
150°	2.26	3.28	4.19	4.91	5.46	5.84	6.16	6.91	7.96
Run VMG	1.98	2.84	3.63	4.38	5.05	5.55	5.92	6.63	7.52
Gybe Angles	145.3°	145.3°	146.8°	170.5°	172.6°	175.0°	175.9°	175.2°	172.3°



Double Handed
Club Certificate
2025

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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	1441.2	1076.0	922.8	874.5	859.6	855.1	853.4	866.5	898.2
52°	941.3	731.0	653.4	628.1	619.0	614.2	610.5	609.2	614.5
60°	897.3	706.3	639.4	612.6	601.8	595.6	590.6	586.7	588.6
75°	874.1	692.6	630.1	597.7	578.2	568.2	559.8	550.0	547.4
90°	897.0	703.3	632.3	595.3	566.9	546.3	532.5	513.5	502.2
110°	1043.4	776.2	660.0	607.9	570.5	538.0	507.6	461.1	428.2
120°	1122.1	819.6	683.2	621.6	581.6	546.7	513.0	435.9	364.7
135°	1318.4	932.8	749.2	657.9	609.9	573.0	539.3	467.5	346.3
150°	1591.4	1098.7	859.5	733.2	659.5	616.9	584.1	521.3	452.3
Run VMG	1821.9	1268.6	992.5	821.8	713.3	648.5	607.8	543.2	478.9
Selected Courses									
Windward / Leeward	1629.4	1172.3	957.7	848.1	786.4	751.8	730.6	704.8	688.6
All purpose	1225.3	904.4	760.8	693.3	655.2	631.2	612.8	584.4	559.1

Single Number Scoring Options		
Course	Time On Distance	Time On Time
Windward / Leeward	818.6	0.7330
All purpose	673.2	0.8912

Data in **meters/kilograms (Metric)**

HULL AND APPENDAGES (Lightship Trim)

Class	Fun	LOA	7.100	VCGD	-0.051
Measurement		Max. Beam	2.358	VCGM	-0.047
HIN		Draft	1.542	RM Rated (kg·m)	18.0
Plan review		Displacement	888	Limit of positive stability(°)	N/A
Hull construction	Cored	Wetted area	8.75	Stability Index	N/A
Carbon rudder	No	IMS L	5.768	Default crew weight	170
Light stanchions	No	LSM0	5.384	Declared crew weight	180
Trim tab	No	Acc. length	7.100		
		Sink (kg/mm)	6.66		

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	Foil
Mainsail furler	No	MDL1	0.108	SFJ	
Articulated bowsprit	No	MDT2	0.058	SPL	
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	1	GO	0.123	MWT	
Checkstays	1			MCG	
Spreaders	1				
Rotating mast	No				

FLOTATION AND STABILITY

Calculation method	Poles inclining	W1	17.5	PD1	564.4	WD	7.420
Flotation Date	29/03/2013	W2	17.5	PD2	569.0	PLM	9000.00
		W3	17.5	PD3	568.7	GSA	1.0
		W4	17.5	PD4	571.8	RSA	1.0
						RM	18.0



Double Handed
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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>
A	0.14	0.69	1.18	2.02	2.70	16.12	24/03/2025	

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	0.04	0.45	0.87	1.82	2.79	3.77	7.75	Yes	No	14.33	24/03/2025	