

<b>BOAT</b> Name <b>STRANAGENTE</b> Sail Nr <b>ITA-15330</b>	<b>GPH</b> <b>628.7</b>	<b>HULL</b> Length Overall <b>10.640m</b> Maximum Beam <b>3.458m</b> Displacement <b>5,719kg</b> Draft <b>2.229m</b> IMS Reg. Division <b>Cruiser/Racer</b> Dynamic Allowance <b>0.191%</b> Fwd Accommodation <b>Yes</b> Hull Construction <b>Solid</b> Carbon Rudder <b>No</b> Crew Arm Extension
<b>GENERAL</b> Class <b>FIRST 36.7</b> Designer <b>FARR</b> Builder <b>BENETEAU</b> Series <b>10/2001</b> Age <b>03/2005</b> Age Allowance <b>0.487%</b> Offset File <b>F196B.OFF - 06/07/2015 17:49:52</b> Measurement by - <b>15/05/2019</b>		IMSLS <b>9.612m</b> VCGD <b>0.139m</b> Sink <b>19.40kg/mm</b> RL <b>8.560m</b> VCGM <b>0.122m</b> WS <b>25.35m<sup>2</sup></b> LSM0 <b>9.564m</b> Displacement/Length ratio <b>6.5373</b>



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<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>610.5</b>			<b>679.3</b>		
Time on Time	<b>0.9829</b>			<b>0.9937</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>719.5</b>	<b>557.0</b>	<b>498.6</b>	<b>926.6</b>	<b>682.4</b>	<b>592.7</b>
Time on Time	<b>0.9382</b>	<b>1.2118</b>	<b>1.3539</b>	<b>0.7285</b>	<b>0.9892</b>	<b>1.1388</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1058.1</b>	<b>881.0</b>	<b>775.8</b>	<b>721.7</b>	<b>704.5</b>	<b>698.2</b>	<b>685.4</b>
52°	<b>696.1</b>	<b>590.2</b>	<b>533.2</b>	<b>510.0</b>	<b>501.6</b>	<b>498.1</b>	<b>493.3</b>
60°	<b>659.7</b>	<b>563.5</b>	<b>518.7</b>	<b>498.6</b>	<b>488.8</b>	<b>484.8</b>	<b>481.6</b>
75°	<b>632.7</b>	<b>544.9</b>	<b>508.2</b>	<b>488.8</b>	<b>474.9</b>	<b>465.3</b>	<b>458.1</b>
90°	<b>637.5</b>	<b>536.5</b>	<b>496.2</b>	<b>476.5</b>	<b>466.2</b>	<b>454.7</b>	<b>432.6</b>
110°	<b>633.9</b>	<b>529.9</b>	<b>490.5</b>	<b>466.7</b>	<b>446.7</b>	<b>428.8</b>	<b>408.5</b>
120°	<b>652.9</b>	<b>541.0</b>	<b>495.9</b>	<b>470.4</b>	<b>446.6</b>	<b>424.7</b>	<b>393.6</b>
135°	<b>720.7</b>	<b>588.5</b>	<b>518.2</b>	<b>487.0</b>	<b>463.6</b>	<b>439.9</b>	<b>396.3</b>
150°	<b>850.8</b>	<b>679.3</b>	<b>576.6</b>	<b>516.9</b>	<b>488.0</b>	<b>466.0</b>	<b>422.9</b>
Run VMG	<b>982.5</b>	<b>784.4</b>	<b>665.0</b>	<b>587.2</b>	<b>532.7</b>	<b>498.1</b>	<b>454.6</b>

**Certificate**  
Number **153301**  
ORC Ref **ITA00052553**  
Issued On **20/05/2019**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

**Crew Weight**  
Default **646kg**  
Maximum **660kg**  
Minimum\* **495kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**  
ToD ToT  
Double H.GPH **636.8 0.9423**  
Double H.OSN **620.5 0.9670**  
Non Spin GPH **663.3 0.9046**  
Non Spin OSN **642.3 0.9341**

<b>Selected Courses</b>							
Windward / Leeward	<b>1020.3</b>	<b>832.7</b>	<b>720.4</b>	<b>654.4</b>	<b>618.6</b>	<b>598.2</b>	<b>570.0</b>
Circular Random	<b>863.6</b>	<b>698.3</b>	<b>610.0</b>	<b>559.1</b>	<b>528.0</b>	<b>507.7</b>	<b>481.4</b>
Coastal / Long Distance	<b>1016.5</b>	<b>782.2</b>	<b>650.8</b>	<b>575.1</b>	<b>537.9</b>	<b>509.5</b>	<b>461.6</b>
Non Spinnaker	<b>926.1</b>	<b>742.4</b>	<b>642.6</b>	<b>584.2</b>	<b>548.3</b>	<b>525.2</b>	<b>496.5</b>

**Sails Limitations**  
Headsails **5** | Spinnakers **3**

<b>Velocity Prediction in Knots for True Wind Speeds</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	<b>42.6°</b>	<b>40.7°</b>	<b>40.3°</b>	<b>38.8°</b>	<b>38.1°</b>	<b>37.9°</b>	<b>38.2°</b>
Beat VMG	<b>3.40</b>	<b>4.09</b>	<b>4.64</b>	<b>4.99</b>	<b>5.11</b>	<b>5.16</b>	<b>5.25</b>
52°	<b>5.17</b>	<b>6.10</b>	<b>6.75</b>	<b>7.06</b>	<b>7.18</b>	<b>7.23</b>	<b>7.30</b>
60°	<b>5.46</b>	<b>6.39</b>	<b>6.94</b>	<b>7.22</b>	<b>7.36</b>	<b>7.43</b>	<b>7.48</b>
75°	<b>5.69</b>	<b>6.61</b>	<b>7.08</b>	<b>7.37</b>	<b>7.58</b>	<b>7.74</b>	<b>7.86</b>
90°	<b>5.65</b>	<b>6.71</b>	<b>7.26</b>	<b>7.56</b>	<b>7.72</b>	<b>7.92</b>	<b>8.32</b>
110°	<b>5.68</b>	<b>6.79</b>	<b>7.34</b>	<b>7.71</b>	<b>8.06</b>	<b>8.40</b>	<b>8.81</b>
120°	<b>5.51</b>	<b>6.65</b>	<b>7.26</b>	<b>7.65</b>	<b>8.06</b>	<b>8.48</b>	<b>9.15</b>
135°	<b>5.00</b>	<b>6.12</b>	<b>6.95</b>	<b>7.39</b>	<b>7.77</b>	<b>8.18</b>	<b>9.08</b>
150°	<b>4.23</b>	<b>5.30</b>	<b>6.24</b>	<b>6.96</b>	<b>7.38</b>	<b>7.73</b>	<b>8.51</b>
Run VMG	<b>3.66</b>	<b>4.59</b>	<b>5.41</b>	<b>6.13</b>	<b>6.76</b>	<b>7.23</b>	<b>7.92</b>
Gybe Angles	<b>145.1°</b>	<b>149.7°</b>	<b>151.2°</b>	<b>157.7°</b>	<b>176.8°</b>	<b>179.9°</b>	<b>180.0°</b>

**Class Division Length**  
CDL = **9.087**

**Storm Sails Areas**  
Heavy Weather Jib **25.52**  
Storm Jib (JL=8.94) **9.46**  
Storm Trysail **11.74**

**Owner**

<b>BOAT</b>		
Name	STRANAGENTE	Sail Nr
File	I15330	ITA-15330
		Data in
		meters/kilograms

<b>RIG</b>		
Forestay Tension	Aft	Spreaders
Inner Stay	None Fitted	Runners
Carbon Mast	No	Jumper Struts
Taper Hollows	No	Jib Furler
Fiber Rigging	No	Main Furler
Lenticular Rigging	No	Without Backstay
Articulated Bowsprit	No	
P	13.800	E
IG	13.680	J
ISP	14.670	SFJ
BAS	1.570	SPL
FSP	0.064	TPS
MDT1	0.105	MW
MDL1	0.185	GO
MDT2	0.105	BD
MDL2	0.165	MWT
TL	0.950	MCG

<b>INCLINING TEST AND FREEBOARDS</b>		
Inclining Test <b>Current Inclining</b>		
Flotation date	12/06/2017	SG
		1.0240
FFM	1.344	FF
FAM	1.046	FA
W1	87.8	PD1
W2	87.8	PD2
W3	87.8	PD3
W4	87.8	PD4
SFFP	0.367	WD
SAFP	10.162	GSA
		1.0
		RSA
		1.0
		PLM
		9000.0
LCF from stem on CL / on sheer	5.896 / 6.119	
Maximum beam station from stem	6.980	
RM Measured	132.5kg-m	
RM Default	140.0kg-m	
Limit of positive stability / Stab.Index	113.1° / 115.3	
Freeboard at mast at 4.030	1.190	



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<b>MIZZEN RIG AND SAILS</b>		
N/A		

<b>PROPELLER</b>		
Installation	Strut	PRD
Type	Folding 2 blades	PBW
Twin Screw	No	PIPA
ST1	0.042	ST3
ST2	0.180	ST4
		ST5
		EDL
		0.405
		0.115
		0.0034
		0.295
		2.160

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<b>COMMENTS</b>		

<b>MOVABLE BALLAST</b>		
N/A		

<b>CENTERBOARD</b>		
N/A		



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<b>SAILS (Maximum Areas)</b>									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.230	1.02	1.81	3.11	4.06	39.76	40.55	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric	SLU	SLE	SL	SHW	SFL			SL · (SFL + 4·SHW) / 6	
	14.30	14.30	14.30	7.79	7.55	92.26			
Asymmetric	SLU	SLE	SL	SHW	SFL	Area (r)		AS · (SFL + 4·SHW) / 6	
	14.26	13.99	14.13	5.47	7.22	68.51 70.07			

<b>HEADSAILS</b>												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
HHB	HUW	HTW	HHW	HQW	HLP	HLU	Area	Btn	Fly	Meas.Date	Material	Comment
0.12	0.71	1.32	2.31	3.19	4.04	14.00	30.85	Y		15/05/2019	Unknow	
0.11	0.71	1.31	2.30	3.19	4.04	13.80	30.35	Y	N	18/05/2017	Unknow	
0.08	0.44	0.87	1.80	2.76	3.80	13.55	25.00	N	N	27/03/2015	Unknow	

<b>MEASUREMENT INVENTORY</b>				
Measurer 149				
Date 12/06/2017				
Comment				
Id	Item	Weight	Distance	VCG Description
Id	Item	Maker	Model	
A	Engine	YANMHAR	3YM30 30	
Id	Item	Weight Description		

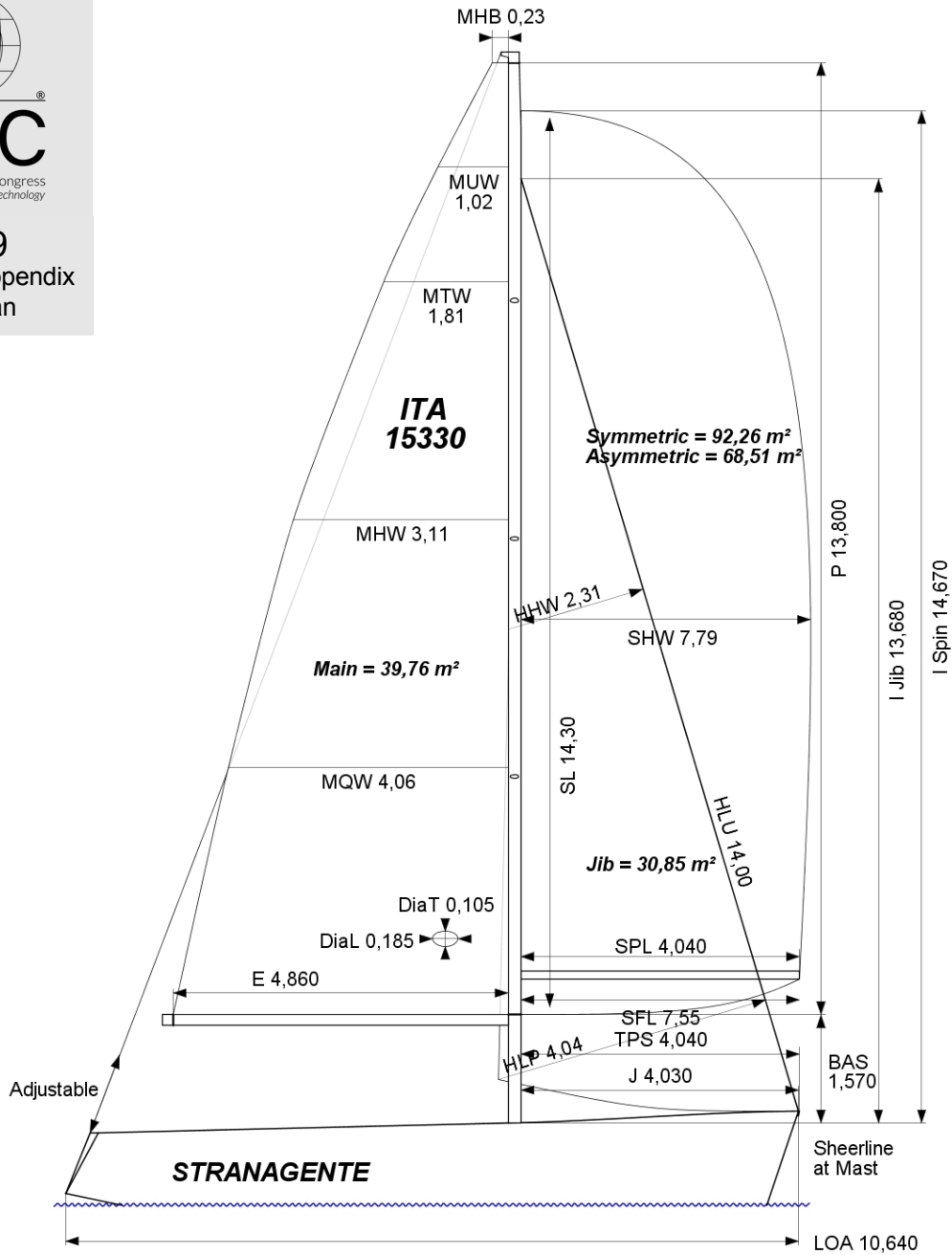
<b>MEASUREMENT INVENTORY</b>							
Id	Item	Tank Use	Tank Type	Capcty	Dist.	VCG	Condtn Description
D	Tank	GASOLIO	PVC	75.0	8.75	0.00	40.0 L
C	Tank	ACQUA	PVC	150.0	5.00	0.00	0.0 SX
B	Tank	ACQUA	PVC	150.0	5.00	0.00	0.0 DX
A	Tank	ACQUE	PVC	40.0	3.25	0.00	0.0 IN WC
Id	Item	Weight	Distance	VCG Description			
B	Battery	60.0	7.85	0.00 2X70 AH MOTORE			
A	Battery	28.0	8.65	0.00 1X70 AH DX MOTORE			
B	Misc	5.0	7.25	0.00 FORNELLO A 2 FUOCHI			
A	Misc	20.0	7.80	0.00 BOILER			



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Sail Plan



**SAILS INVENTORY**

**MAINSAIL (1)**

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
B	0.23	1.02	1.81	3.11	4.06	39.77		12/06/2017	NORTH	Unknown	

**HEADSAILS (3)**

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
F	0.12	0.71	1.32	2.31	3.19	4.04	14.00	100%	30.85	Y			15/05/2019			Unknow
E	0.11	0.71	1.31	2.30	3.19	4.04	13.80	100%	30.35	Y	N		18/05/2017	NORTH		Unknow
A	0.08	0.44	0.87	1.80	2.76	3.80	13.55	94%	25.00	N	N		27/03/2015			Unknow

**SYMMETRIC SPINNAKERS (3)**

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
C	14.30	14.30	14.30	7.79	7.55	92.26		18/05/2017	NORTH	Unknown	
B	14.35	14.35	14.35	7.70	7.59	91.82		22/10/2015		Unknown	
A	13.91	13.91	13.91	6.82	6.86	79.15		13/11/2014		Unknown	

**ASYMMETRIC SPINNAKERS (1)**

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
A	14.26	13.99	14.13	5.47	7.22	68.51	asym		15/05/2019		Unknown	