

<b>BOAT</b> Name <b>PLATU 25</b> Sail Nr	<b>GPH</b> <b>659.8</b>	<b>HULL</b> Length Overall <b>7.515m</b> Maximum Beam <b>2.574m</b> Displacement <b>1 232kg</b> Draft <b>1.590m</b> Plan Review IMS Reg. Division <b>Sportboat</b> Dynamic Allowance <b>0.000%</b> Hull Construction <b>Cored</b> Carbon Rudder <b>No</b> Crew Arm Extension <b>0.50</b>
<b>GENERAL</b> Class <b>PLATU 25 OD</b> Designer <b>FARR</b> Builder <b>BENETEAU</b> Series <b>01/1997</b> Age <b>01/1997</b> Age Allowance <b>0.487%</b> Offset File <b>platu25.OD - 10/01/2020 00:00:00</b> Measurement by <b>SCHIANO - 27/10/1997</b>		IMSL <b>7.004m</b> VCGD <b>0.042m</b> Sink <b>7.63kg/mm</b> RL <b>7.347m</b> VCGM <b>-0.054m</b> WS <b>10.45m<sup>2</sup></b> LSMO <b>6.673m</b> Displacement/Length ratio <b>4.1462</b>



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<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>642.1</b>			<b>718.6</b>		
Time on Time	<b>0.9345</b>			<b>0.9393</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>738.7</b>	<b>591.6</b>	<b>523.3</b>	<b>944.7</b>	<b>719.5</b>	<b>641.3</b>
Time on Time	<b>0.9138</b>	<b>1.1410</b>	<b>1.2900</b>	<b>0.7145</b>	<b>0.9381</b>	<b>1.0525</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1075.0</b>	<b>892.5</b>	<b>804.0</b>	<b>779.0</b>	<b>772.3</b>	<b>768.7</b>	<b>767.2</b>
52°	<b>707.2</b>	<b>609.8</b>	<b>579.7</b>	<b>565.3</b>	<b>559.3</b>	<b>556.7</b>	<b>547.4</b>
60°	<b>670.2</b>	<b>593.7</b>	<b>566.6</b>	<b>547.1</b>	<b>537.5</b>	<b>532.6</b>	<b>520.3</b>
75°	<b>647.0</b>	<b>584.8</b>	<b>552.4</b>	<b>523.9</b>	<b>502.8</b>	<b>492.0</b>	<b>483.6</b>
90°	<b>647.3</b>	<b>575.0</b>	<b>542.9</b>	<b>516.6</b>	<b>486.6</b>	<b>460.5</b>	<b>435.1</b>
110°	<b>643.9</b>	<b>568.6</b>	<b>521.6</b>	<b>481.8</b>	<b>456.1</b>	<b>434.5</b>	<b>398.5</b>
120°	<b>661.4</b>	<b>577.4</b>	<b>530.1</b>	<b>482.3</b>	<b>439.2</b>	<b>409.1</b>	<b>366.1</b>
135°	<b>731.3</b>	<b>607.7</b>	<b>560.5</b>	<b>516.7</b>	<b>472.5</b>	<b>427.0</b>	<b>324.5</b>
150°	<b>872.8</b>	<b>696.0</b>	<b>601.9</b>	<b>557.7</b>	<b>517.3</b>	<b>477.3</b>	<b>385.6</b>
Run VMG	<b>1007.9</b>	<b>803.7</b>	<b>687.8</b>	<b>616.1</b>	<b>569.1</b>	<b>531.8</b>	<b>458.3</b>

<b>Certificate</b> Number <b>PLAT25</b> ORC Ref <b>N/A</b> Issued On <b>10/01/2020</b> VPP Ver. <b>2020 1.00</b> <b>Invalid for Racing</b>
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<b>Crew Weight</b> Default <b>387kg</b> Maximum <b>400kg</b> Minimum* <b>300kg</b> <i>*when applied by the NoR and SI</i> Non Manual Pwr <b>No</b>
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<b>Special Scoring</b> ToD ToT Non Spin GPH <b>701.9 0.8548</b> Non Spin OSN <b>679.8 0.8827</b>
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<b>Selected Courses</b>							
Windward / Leeward	<b>1041.5</b>	<b>848.1</b>	<b>745.9</b>	<b>697.6</b>	<b>670.7</b>	<b>650.3</b>	<b>612.7</b>
Circular Random	<b>892.2</b>	<b>728.5</b>	<b>641.9</b>	<b>591.1</b>	<b>557.9</b>	<b>533.5</b>	<b>495.2</b>
Coastal / Long Distance	<b>1038.1</b>	<b>800.6</b>	<b>681.1</b>	<b>615.9</b>	<b>573.6</b>	<b>535.9</b>	<b>469.7</b>
Non Spinnaker	<b>966.0</b>	<b>780.5</b>	<b>681.2</b>	<b>623.3</b>	<b>586.6</b>	<b>560.9</b>	<b>523.0</b>

<b>Sails Limitations</b> Headsails <b>5</b> Spinnakers <b>4</b>
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<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>42.0°</b>	<b>41.3°</b>	<b>37.9°</b>	<b>36.8°</b>	<b>36.4°</b>	<b>36.4°</b>	<b>37.1°</b>
Beat VMG	<b>3.35</b>	<b>4.03</b>	<b>4.48</b>	<b>4.62</b>	<b>4.66</b>	<b>4.68</b>	<b>4.69</b>
52°	<b>5.09</b>	<b>5.90</b>	<b>6.21</b>	<b>6.37</b>	<b>6.44</b>	<b>6.47</b>	<b>6.58</b>
60°	<b>5.37</b>	<b>6.06</b>	<b>6.35</b>	<b>6.58</b>	<b>6.70</b>	<b>6.76</b>	<b>6.92</b>
75°	<b>5.56</b>	<b>6.16</b>	<b>6.52</b>	<b>6.87</b>	<b>7.16</b>	<b>7.32</b>	<b>7.44</b>
90°	<b>5.56</b>	<b>6.26</b>	<b>6.63</b>	<b>6.97</b>	<b>7.40</b>	<b>7.82</b>	<b>8.27</b>
110°	<b>5.59</b>	<b>6.33</b>	<b>6.90</b>	<b>7.47</b>	<b>7.89</b>	<b>8.29</b>	<b>9.03</b>
120°	<b>5.44</b>	<b>6.24</b>	<b>6.79</b>	<b>7.46</b>	<b>8.20</b>	<b>8.80</b>	<b>9.83</b>
135°	<b>4.92</b>	<b>5.92</b>	<b>6.42</b>	<b>6.97</b>	<b>7.62</b>	<b>8.43</b>	<b>11.09</b>
150°	<b>4.12</b>	<b>5.17</b>	<b>5.98</b>	<b>6.46</b>	<b>6.96</b>	<b>7.54</b>	<b>9.34</b>
Run VMG	<b>3.57</b>	<b>4.48</b>	<b>5.23</b>	<b>5.84</b>	<b>6.33</b>	<b>6.77</b>	<b>7.86</b>
Gybe Angles	<b>145.0°</b>	<b>149.0°</b>	<b>155.8°</b>	<b>174.0°</b>	<b>180.0°</b>	<b>180.0°</b>	<b>180.0°</b>

<b>Class Division Length</b> CDL = <b>7.166</b>
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<b>Storm Sails Areas</b> Heavy Weather Jib <b>11.45</b> Storm Jib (JL=5.99) <b>4.24</b> Storm Trysail <b>6.01</b>
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<b>Owner</b>
I certify that I understand my responsibilities under ORC Rules and Regulations
Signature

<b>BOAT</b>	
Name <b>PLATU 25</b>	Sail Nr
File <b>platu25</b>	Data in <b>meters/kilograms</b>

<b>INCLINING TEST AND FREEBOARDS</b>					
Inclining Test <b>Current Inclining</b>					
Flotation date <b>27/10/2013</b>				SG <b>1.0250</b>	
FFM	<b>0.907</b>	FF	<b>0.907</b>	SFFP	<b>0.120</b>
FAM	<b>0.689</b>	FA	<b>0.689</b>	SAFP	<b>7.315</b>
W1	<b>4.0</b>	PD1	<b>76.0</b>	WD	<b>7.900</b>
W2	<b>8.0</b>	PD2	<b>156.0</b>	GSA	<b>19.6</b>
W3	<b>12.0</b>	PD3	<b>231.0</b>	RSA	<b>6079.4</b>
W4	<b>16.0</b>	PD4	<b>311.0</b>	PLM	<b>2510.0</b>
LCF from stem on CL / on sheer				<b>4.176 / 4.351</b>	
Maximum beam station from stem				<b>4.670</b>	
RM Measured				<b>17.8kg·m</b>	
RM Default				<b>22.8kg·m</b>	
Limit of positive stability / Stab.Index				<b>118.6° / 110.7</b>	
Freeboard at mast at 2.620				<b>0.835</b>	



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<b>RIG</b>					
Forestay Tension	<b>Aft</b>	Spreaders		<b>2</b>	
Inner Stay	<b>None Fitted</b>	Runners/Checkstays		<b>0</b>	
Carbon Mast	<b>No</b>	Jib Furler		<b>No</b>	
Fiber Rigging	<b>No</b>	Main Furler		<b>No</b>	
Non-Circular Rigging	<b>No</b>				
Articulated Bowsprit	<b>No</b>				
P	<b>9.405</b>	E	<b>3.650</b>	MDT1	<b>0.079</b>
IG	<b>9.171</b>	J	<b>2.620</b>	MDL1	<b>0.120</b>
ISP	<b>9.681</b>	SFJ	<b>0.000</b>	MDT2	<b>0.062</b>
BAS	<b>1.181</b>	SPL	<b>3.300</b>	MDL2	<b>0.078</b>
FSD	<b>0.000</b>	TPS		TL	<b>2.340</b>
				MW	<b>0.121</b>
				GO	<b>0.131</b>
				BD	<b>0.120</b>
				MWT	<b>35.50</b>
				MCG	<b>4.200</b>

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

<b>PROPELLER</b>					
Type <b>No Propeller</b>					

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VPP Ver.	<b>2020 1.00</b>
<b>Invalid for Racing</b>	

<b>COMMENTS</b>					
BASED ON CLASS RULES					

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

<b>CENTERBOARD</b>					
N/A					

<b>SAILS (Maximum Areas)</b>									
<b>Mainsail</b>	<b>MHB</b>	<b>MUW</b>	<b>MTW</b>	<b>MHW</b>	<b>MQW</b>	<b>Area</b>	<b>Area (r)</b>	<b>Formula</b>	
	0.15	0.77	1.38	2.37	3.12	20.63	21.16	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
<b>Symmetric</b>	<b>SLU</b>	<b>SLE</b>	<b>SL</b>	<b>SHW</b>	<b>SFL</b>				
	9.50	9.50	9.50	5.64	5.64	44.65		SL · (SFL + 4·SHW) / 6	
<b>Asymmetric</b>	Not Available								

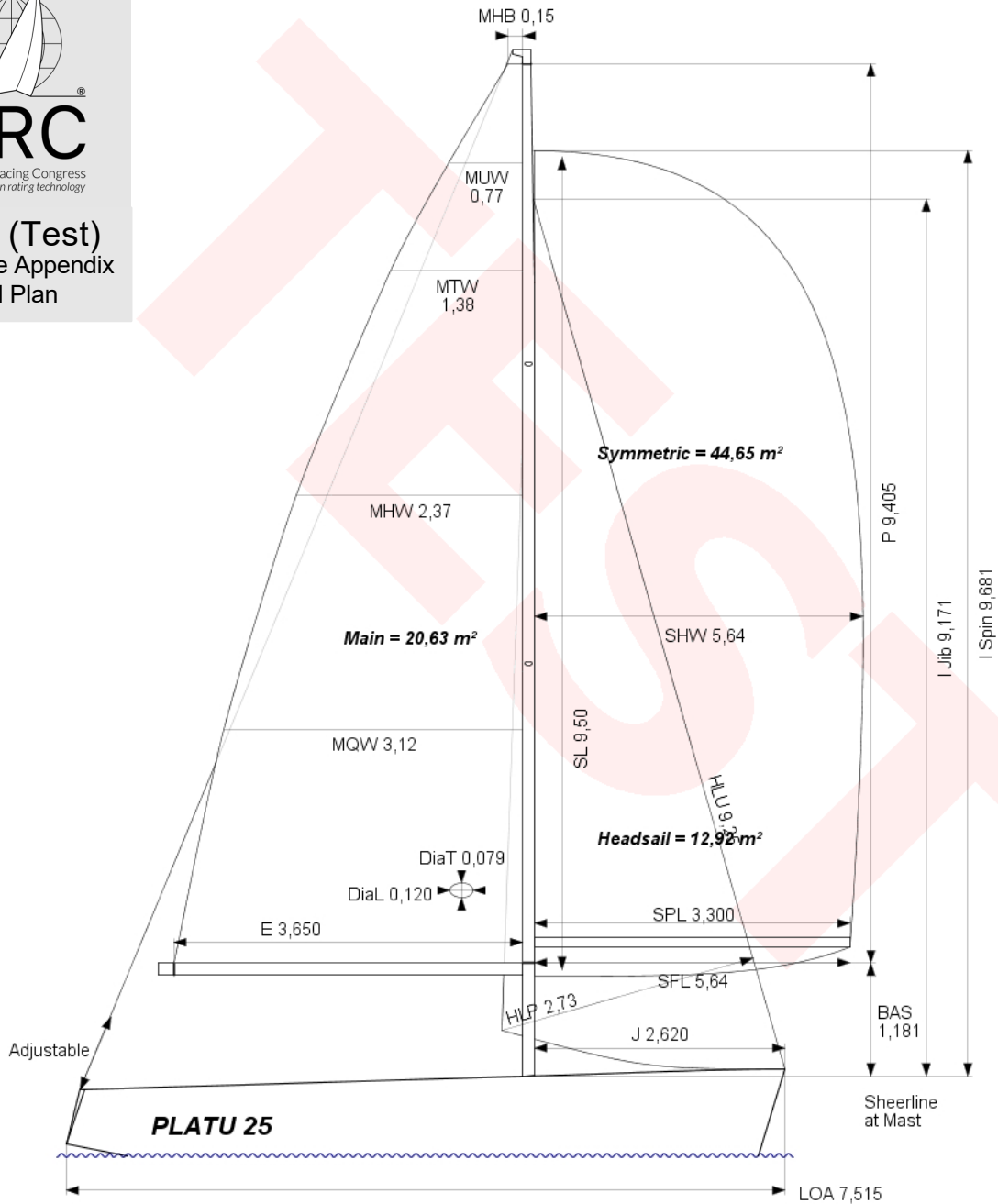
<b>HEADSAILS</b>										
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)										
<b>HHB</b>	<b>HUW</b>	<b>HTW</b>	<b>HHW</b>	<b>HQW</b>	<b>HLP</b>	<b>HLU</b>	<b>Area</b>	<b>Btn</b>	<b>Flying</b>	<b>Meas.Date</b>
0.07	0.00	0.00	0.00	0.00	2.73	9.25	12.92	N	No	
Material <b>Comment</b>										
* Copied from legacy *										



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Certificate Appendix  
Sail Plan



**SAILS INVENTORY**

MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ORC	0.15	0.77	1.38	2.37	3.12	20.63					* Copied from legacy					
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
ORC	0.07	0.00	0.00	0.00	0.00	2.73	9.25	104%	12.92	N	No					* Copied from
SYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ORC	9.50	9.50	9.50	5.64	5.64	44.65					* Copied from legacy *					
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				