

<b>BOAT</b> Name <b>RED OCTOBER</b> Sail Nr <b>GRE-2511</b>	<b>GPH</b> <b>659.6</b>	<b>HULL</b> Length Overall <b>7.515m</b> Maximum Beam <b>2.574m</b> Displacement <b>1,228kg</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.off - 15/01/2019 15:23:06</b> Measurement by - <b>27/10/1997</b>		IMSLS <b>7.002m</b> VCGD <b>0.041m</b> Sink <b>7.63kg/mm</b> RL <b>7.443m</b> VCGM <b>-0.055m</b> WS <b>10.44m<sup>2</sup></b> LSM0 <b>6.669m</b> Displacement/Length ratio <b>4.1402</b>



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<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>641.3</b>			<b>718.0</b>		
Time on Time	<b>0.9356</b>			<b>0.9401</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>740.9</b>	<b>590.9</b>	<b>520.8</b>	<b>947.9</b>	<b>718.6</b>	<b>639.1</b>
Time on Time	<b>0.9111</b>	<b>1.1424</b>	<b>1.2962</b>	<b>0.7121</b>	<b>0.9393</b>	<b>1.0562</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1079.3</b>	<b>895.7</b>	<b>803.8</b>	<b>774.0</b>	<b>766.2</b>	<b>764.7</b>	<b>760.0</b>
52°	<b>710.0</b>	<b>610.5</b>	<b>579.3</b>	<b>562.9</b>	<b>556.2</b>	<b>553.0</b>	<b>543.1</b>
60°	<b>672.8</b>	<b>594.8</b>	<b>566.0</b>	<b>545.1</b>	<b>534.1</b>	<b>528.4</b>	<b>516.9</b>
75°	<b>649.3</b>	<b>585.8</b>	<b>552.1</b>	<b>523.2</b>	<b>500.1</b>	<b>488.1</b>	<b>479.0</b>
90°	<b>649.1</b>	<b>574.5</b>	<b>540.2</b>	<b>516.4</b>	<b>486.3</b>	<b>458.4</b>	<b>430.1</b>
110°	<b>646.0</b>	<b>569.7</b>	<b>521.7</b>	<b>480.0</b>	<b>451.7</b>	<b>429.9</b>	<b>393.5</b>
120°	<b>663.9</b>	<b>578.5</b>	<b>531.5</b>	<b>483.2</b>	<b>438.4</b>	<b>404.2</b>	<b>361.9</b>
135°	<b>734.4</b>	<b>609.3</b>	<b>561.9</b>	<b>518.5</b>	<b>474.5</b>	<b>429.4</b>	<b>324.5</b>
150°	<b>875.4</b>	<b>697.7</b>	<b>603.0</b>	<b>559.0</b>	<b>518.9</b>	<b>479.0</b>	<b>387.1</b>
Run VMG	<b>1010.8</b>	<b>805.7</b>	<b>689.0</b>	<b>617.3</b>	<b>570.1</b>	<b>533.0</b>	<b>459.7</b>

**Certificate**  
Number **01240**  
ORC Ref **03420000NK4**  
Issued On **01/08/2020**  
VPP Ver. **2020 1.02**  
Valid until **28/02/2021**

**Crew Weight**  
Default **386kg**  
Maximum **420kg**  
Minimum\* **315kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

ToD	ToT
Non Spin GPH <b>697.3</b>	<b>0.8605</b>
Non Spin OSN <b>676.5</b>	<b>0.8870</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1045.1</b>	<b>850.7</b>	<b>746.4</b>	<b>695.6</b>	<b>668.2</b>	<b>648.8</b>	<b>609.9</b>
Circular Random	<b>894.1</b>	<b>729.2</b>	<b>641.6</b>	<b>590.0</b>	<b>556.2</b>	<b>531.2</b>	<b>491.9</b>
Coastal / Long Distance	<b>1041.7</b>	<b>802.8</b>	<b>681.4</b>	<b>614.5</b>	<b>571.6</b>	<b>533.4</b>	<b>466.4</b>
Non Spinnaker	<b>959.8</b>	<b>775.6</b>	<b>676.9</b>	<b>618.9</b>	<b>581.9</b>	<b>555.7</b>	<b>516.6</b>

**Sails Limitations**

Headsails	Spinnakers
<b>5</b>	<b>4</b>

<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>36.4°</b>	<b>36.2°</b>	<b>36.4°</b>	<b>36.8°</b>
Beat VMG	<b>3.34</b>	<b>4.02</b>	<b>4.48</b>	<b>4.65</b>	<b>4.70</b>	<b>4.71</b>	<b>4.74</b>
52°	<b>5.07</b>	<b>5.90</b>	<b>6.21</b>	<b>6.40</b>	<b>6.47</b>	<b>6.51</b>	<b>6.63</b>
60°	<b>5.35</b>	<b>6.05</b>	<b>6.36</b>	<b>6.60</b>	<b>6.74</b>	<b>6.81</b>	<b>6.96</b>
75°	<b>5.54</b>	<b>6.15</b>	<b>6.52</b>	<b>6.88</b>	<b>7.20</b>	<b>7.38</b>	<b>7.52</b>
90°	<b>5.55</b>	<b>6.27</b>	<b>6.66</b>	<b>6.97</b>	<b>7.40</b>	<b>7.85</b>	<b>8.37</b>
110°	<b>5.57</b>	<b>6.32</b>	<b>6.90</b>	<b>7.50</b>	<b>7.97</b>	<b>8.37</b>	<b>9.15</b>
120°	<b>5.42</b>	<b>6.22</b>	<b>6.77</b>	<b>7.45</b>	<b>8.21</b>	<b>8.91</b>	<b>9.95</b>
135°	<b>4.90</b>	<b>5.91</b>	<b>6.41</b>	<b>6.94</b>	<b>7.59</b>	<b>8.38</b>	<b>11.09</b>
150°	<b>4.11</b>	<b>5.16</b>	<b>5.97</b>	<b>6.44</b>	<b>6.94</b>	<b>7.52</b>	<b>9.30</b>
Run VMG	<b>3.56</b>	<b>4.47</b>	<b>5.23</b>	<b>5.83</b>	<b>6.31</b>	<b>6.75</b>	<b>7.83</b>
Gybe Angles	<b>145.0°</b>	<b>149.0°</b>	<b>155.5°</b>	<b>174.0°</b>	<b>180.0°</b>	<b>180.0°</b>	<b>180.0°</b>

**Class Division Length**  
CDL = **7.213**

**Storm Sails Areas**

Heavy Weather Jib	<b>11.45</b>
Storm Jib (JL=5.99)	<b>4.24</b>
Storm Trysail	<b>6.01</b>

**Owner**

<b>BOAT</b>	
Name <b>RED OCTOBER</b>	Sail Nr <b>GRE-2511</b>
File <b>GR2511</b>	Data in <b>meters/kilograms</b>

<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	9.405	E	3.650	MDT1	0.082	MW	0.121
IG	9.171	J	2.620	MDL1	0.121	GO	0.131
ISP	9.681	SFJ	0.000	MDT2	0.062	BD	0.120
BAS	1.181	SPL	3.300	MDL2	0.078	MWT	35.50
FSD		TPS		TL	2.340	MCG	4.200

<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	0.908	FF	0.908
FAM	0.689	FA	0.689
SFFP	0.120	SAFP	7.315
W1	4.0	PD1	76.0
W2	8.0	PD2	156.0
W3	12.0	PD3	231.0
W4	16.0	PD4	311.0
WD	7.900	GSA	19.6
RSA	6079.4	PLM	2510.0
LCF from stem on CL / on sheer		<b>4.177 / 4.351</b>	
Maximum beam station from stem		<b>4.670</b>	
RM Measured		<b>17.8kg-m</b>	
RM Default		<b>22.6kg-m</b>	
Limit of positive stability / Stab.Index		<b>118.7° / 110.7</b>	
Freeboard at mast at 2.620		<b>0.835</b>	



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

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

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<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	0.74	1.37	2.34	3.05	20.34	20.83	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>				
	9.43	9.43	9.43	5.55	5.51	43.55		SL · (SFL + 4·SHW) / 6	
<b>Asymmetric</b>									
Not Available									

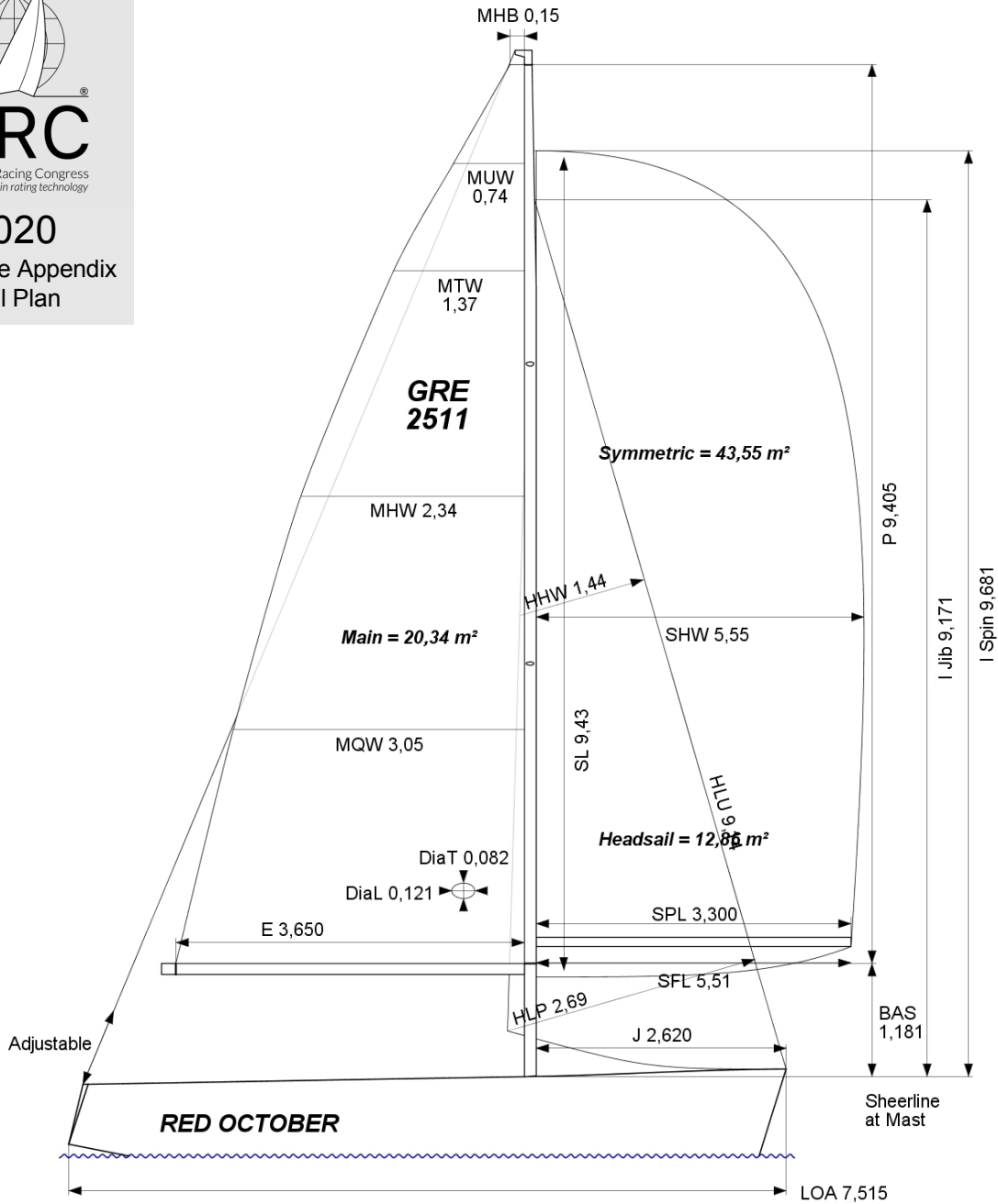
<b>HEADSAILS</b>												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
<b>HHB</b>	<b>HUW</b>	<b>HTW</b>	<b>HHW</b>	<b>HQW</b>	<b>HLP</b>	<b>HLU</b>	<b>Area</b>	<b>Btn</b>	<b>Flying</b>	<b>Meas.Date</b>	<b>Material</b>	<b>Comment</b>
0.07	0.40	0.75	1.44	2.09	2.69	9.14	12.86	Y	No	14/06/2017	Pentex	#1
0.05	0.34	0.65	1.25	1.88	2.52	6.90	8.73	Y	No	14/06/2017	Dacron	#3



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Sail Plan



**SAILS INVENTORY**

MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	0.15	0.74	1.37	2.34	3.05	20.34		14/06/2017	NorthSails	Dacron						
HEADSAILS (2)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.07	0.40	0.75	1.44	2.09	2.69	9.14	103%	12.86	Y	No		14/06/2017	NorthSails	Pentex	#1
2	0.05	0.34	0.65	1.25	1.88	2.52	6.90	96%	8.73	Y	No		14/06/2017	Northsails	Dacron	#3
SYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1	9.45	9.41	9.43	5.55	5.51	43.56		14/06/2017	NorthSails	Nylon						
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				