

<b>BOAT</b> Name <b>ERYTOS JR</b> Sail Nr <b>GRE-2518</b>	<b>GPH</b> <b>663.3</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>7.332m</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>645.0</b>			<b>722.2</b>		
Time on Time	<b>0.9303</b>			<b>0.9346</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>745.0</b>	<b>593.8</b>	<b>524.7</b>	<b>953.7</b>	<b>722.4</b>	<b>643.3</b>
Time on Time	<b>0.9061</b>	<b>1.1367</b>	<b>1.2865</b>	<b>0.7078</b>	<b>0.9344</b>	<b>1.0492</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1089.6</b>	<b>903.6</b>	<b>810.3</b>	<b>779.8</b>	<b>772.3</b>	<b>772.2</b>	<b>767.5</b>
52°	<b>717.0</b>	<b>613.8</b>	<b>582.0</b>	<b>565.6</b>	<b>559.2</b>	<b>556.3</b>	<b>547.4</b>
60°	<b>679.4</b>	<b>597.5</b>	<b>568.8</b>	<b>548.2</b>	<b>537.4</b>	<b>531.9</b>	<b>521.1</b>
75°	<b>655.0</b>	<b>588.2</b>	<b>555.0</b>	<b>526.7</b>	<b>503.7</b>	<b>491.4</b>	<b>482.6</b>
90°	<b>650.6</b>	<b>575.8</b>	<b>542.0</b>	<b>519.5</b>	<b>490.0</b>	<b>462.3</b>	<b>433.7</b>
110°	<b>648.0</b>	<b>570.7</b>	<b>523.4</b>	<b>482.2</b>	<b>454.4</b>	<b>433.0</b>	<b>397.5</b>
120°	<b>666.4</b>	<b>579.6</b>	<b>533.0</b>	<b>485.1</b>	<b>441.0</b>	<b>407.3</b>	<b>366.1</b>
135°	<b>737.8</b>	<b>611.2</b>	<b>563.5</b>	<b>520.6</b>	<b>476.9</b>	<b>432.2</b>	<b>330.0</b>
150°	<b>877.9</b>	<b>699.5</b>	<b>604.1</b>	<b>560.5</b>	<b>520.7</b>	<b>481.1</b>	<b>391.3</b>
Run VMG	<b>1013.7</b>	<b>807.7</b>	<b>690.2</b>	<b>618.5</b>	<b>571.2</b>	<b>534.3</b>	<b>461.3</b>

**Certificate**  
Number **01223**  
ORC Ref **03420000L8E**  
Issued On **23/06/2020**  
VPP Ver. **2020 1.02**  
Valid until **28/02/2021**

**Crew Weight**  
Default **386kg**  
Maximum **400kg**  
Minimum\* **300kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

ToD	ToT
Non Spin GPH <b>700.8</b>	<b>0.8562</b>
Non Spin OSN <b>680.5</b>	<b>0.8816</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1051.7</b>	<b>855.7</b>	<b>750.2</b>	<b>699.2</b>	<b>671.8</b>	<b>653.3</b>	<b>614.4</b>
Circular Random	<b>899.2</b>	<b>733.2</b>	<b>645.1</b>	<b>593.4</b>	<b>559.8</b>	<b>535.1</b>	<b>496.5</b>
Coastal / Long Distance	<b>1047.9</b>	<b>807.1</b>	<b>684.6</b>	<b>617.7</b>	<b>575.1</b>	<b>537.2</b>	<b>470.6</b>
Non Spinnaker	<b>966.0</b>	<b>779.8</b>	<b>680.0</b>	<b>621.8</b>	<b>585.0</b>	<b>559.3</b>	<b>520.9</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>38.3°</b>	<b>36.8°</b>	<b>36.6°</b>	<b>36.8°</b>	<b>37.1°</b>
Beat VMG	<b>3.30</b>	<b>3.98</b>	<b>4.44</b>	<b>4.62</b>	<b>4.66</b>	<b>4.66</b>	<b>4.69</b>
52°	<b>5.02</b>	<b>5.86</b>	<b>6.19</b>	<b>6.37</b>	<b>6.44</b>	<b>6.47</b>	<b>6.58</b>
60°	<b>5.30</b>	<b>6.03</b>	<b>6.33</b>	<b>6.57</b>	<b>6.70</b>	<b>6.77</b>	<b>6.91</b>
75°	<b>5.50</b>	<b>6.12</b>	<b>6.49</b>	<b>6.83</b>	<b>7.15</b>	<b>7.33</b>	<b>7.46</b>
90°	<b>5.53</b>	<b>6.25</b>	<b>6.64</b>	<b>6.93</b>	<b>7.35</b>	<b>7.79</b>	<b>8.30</b>
110°	<b>5.56</b>	<b>6.31</b>	<b>6.88</b>	<b>7.47</b>	<b>7.92</b>	<b>8.31</b>	<b>9.06</b>
120°	<b>5.40</b>	<b>6.21</b>	<b>6.75</b>	<b>7.42</b>	<b>8.16</b>	<b>8.84</b>	<b>9.83</b>
135°	<b>4.88</b>	<b>5.89</b>	<b>6.39</b>	<b>6.92</b>	<b>7.55</b>	<b>8.33</b>	<b>10.91</b>
150°	<b>4.10</b>	<b>5.15</b>	<b>5.96</b>	<b>6.42</b>	<b>6.91</b>	<b>7.48</b>	<b>9.20</b>
Run VMG	<b>3.55</b>	<b>4.46</b>	<b>5.22</b>	<b>5.82</b>	<b>6.30</b>	<b>6.74</b>	<b>7.80</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 = **7.157**

**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>ERYTOS JR</b>	Sail Nr <b>GRE-2518</b>
File <b>GR2518</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 <b>9.405</b>	E <b>3.650</b>	MDT1 <b>0.082</b>	MW <b>0.121</b>
IG <b>9.171</b>	J <b>2.620</b>	MDL1 <b>0.121</b>	GO <b>0.131</b>
ISP <b>9.681</b>	SFJ <b>0.000</b>	MDT2 <b>0.062</b>	BD <b>0.120</b>
BAS <b>1.181</b>	SPL <b>3.300</b>	MDL2 <b>0.078</b>	MWT <b>35.50</b>
FSD	TPS	TL <b>2.340</b>	MCG <b>4.200</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>0.908</b>	FF <b>0.908</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>4.177 / 4.351</b>	
Maximum beam station from stem		<b>4.670</b>	
RM Measured		<b>17.8kg-m</b>	
RM Default		<b>22.4kg-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	1.35	2.33	3.05	20.28	20.76	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>				
	9.36	9.36	9.36	5.40	5.20	41.81		SL · (SFL + 4·SHW) / 6	
<b>Asymmetric</b>									
Not Available									

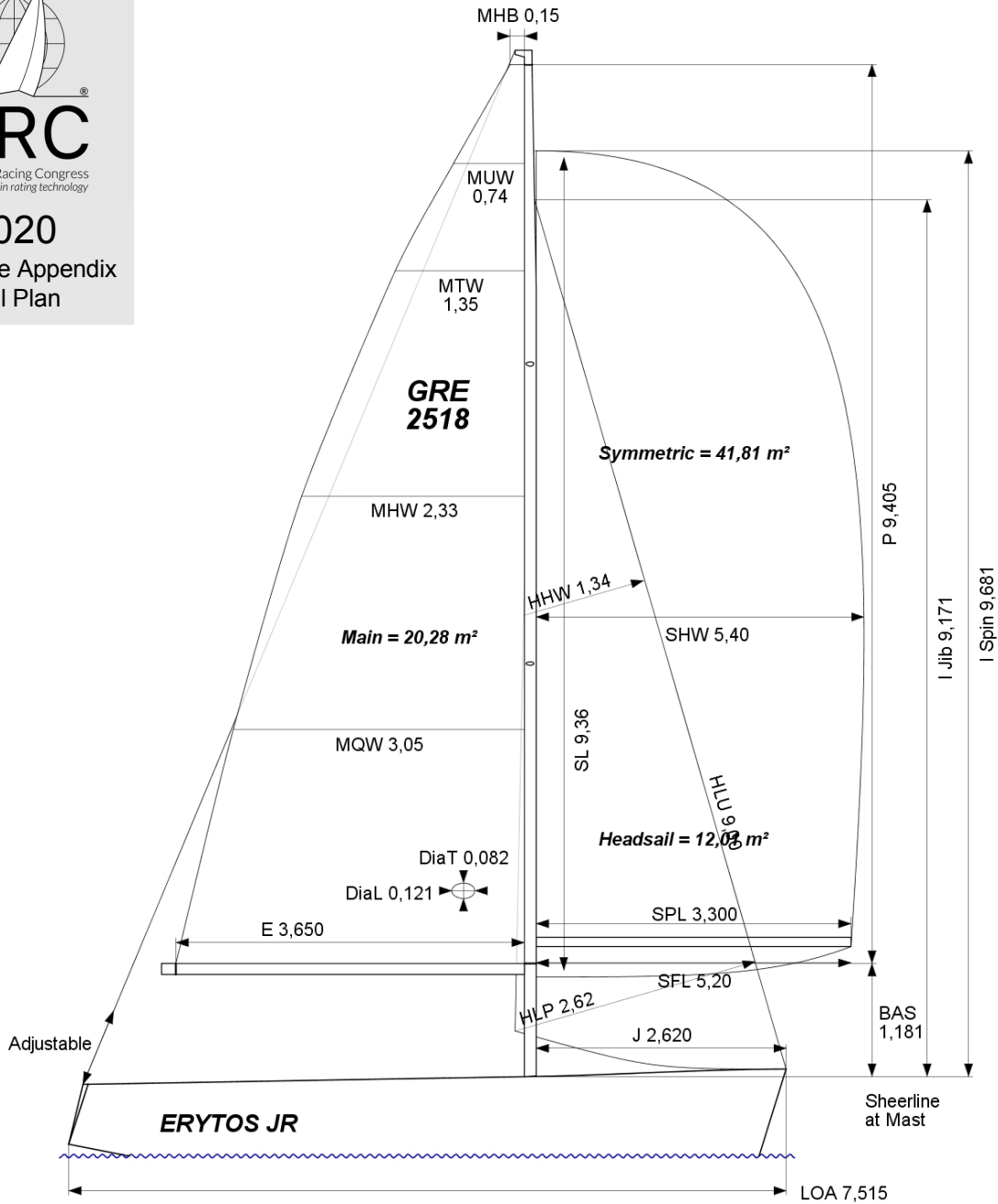
<b>HEADSAILS</b>												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
<b>HHB</b>	<b>HUW</b>	<b>HTW</b>	<b>HHW</b>	<b>HQW</b>	<b>HLP</b>	<b>HLU</b>	<b>Area</b>	<b>Btn</b>	<b>Flying</b>	<b>Meas.Date</b>	<b>Material</b>	<b>Comment</b>
0.06	0.38	0.71	1.34	1.96	2.62	9.00	12.01	Y	No	11/06/2017	Polyest	LIGHT



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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	1.35	2.33	3.05	20.28		11/06/2017		Dacron	

**HEADSAILS (1)**

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.06	0.38	0.71	1.34	1.96	2.62	9.00	100%	12.01	Y	No		11/06/2017		Polyest	LIGHT

**SYMMETRIC SPINNAKERS (1)**

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
1	9.36	9.36	9.36	5.40	5.20	41.81		11/06/2017	NORTH	Nylon	

**ASYMMETRIC SPINNAKERS (0)**

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
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