

<b>BOAT</b>
Name <b>SESTRI II</b> Sail Nr <b>PER 1602</b>

<b>GPH</b>
<b>586.7</b>

<b>HULL</b>					
Length Overall	<b>13.350 m</b>				
Maximum Beam	<b>4.240 m</b>				
Displacement	<b>11,037 kg</b>				
Draft	<b>2.257 m</b>				
IMS Reg. Division	<b>Cruiser/Racer</b>				
Dynamic Allowance	<b>0.665%</b>				
Fwd Accommodation	<b>Yes</b>				
Hull Construction	<b>Solid</b>				
Carbon Rudder	<b>No</b>				
Trim Tab	<b>No</b>				
IMS L	<b>12.416</b>	VCGD	<b>0.144</b>	VCGM	<b>0.097</b>
Sink	<b>30.17 kg/mm</b>	Wetted Area	<b>38.60 m<sup>2</sup></b>		



**2009**  
ORC International  
Certificate

<b>GENERAL</b>
Class <b>Dufour 44</b>
Designer <b>Felci Yachts</b>
Builder
Series <b>04/2002</b>
Age <b>10/2006</b>
Age Allowance <b>0.455%</b>
Offset File <b>dufour44.off - 29/12/2003 08:41:30</b>
Measurement by <b>Juan Carrion - 10/01/2007</b>

<b>SCORING OPTIONS</b>	<b>OFFSHORE</b>			<b>INSHORE</b>		
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time On Distance	<b>586.7</b>			<b>657.5</b>		
Time On Time	<b>1.0227</b>			<b>1.0267</b>		
Performance Line	PLT	PLD		PLT	PLD	
	<b>0.860</b>	<b>81.0</b>		<b>0.977</b>	<b>240.9</b>	
Triple Number	Low	Medium	High	Low	Medium	High
	<b>0.9876</b>	<b>1.3053</b>	<b>1.4899</b>	<b>0.7449</b>	<b>1.0334</b>	<b>1.2277</b>

**Rating Office**  
Federacion Peruana Vela  
Oficina de Ratings  
Aguiles Rubina, CM  
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<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1025.4</b>	<b>840.3</b>	<b>738.1</b>	<b>687.2</b>	<b>656.9</b>	<b>637.7</b>	<b>618.6</b>
52°	<b>650.9</b>	<b>538.0</b>	<b>487.6</b>	<b>461.9</b>	<b>447.6</b>	<b>439.1</b>	<b>431.1</b>
60°	<b>602.4</b>	<b>507.3</b>	<b>465.3</b>	<b>440.4</b>	<b>429.8</b>	<b>423.5</b>	<b>416.6</b>
75°	<b>562.8</b>	<b>485.6</b>	<b>448.3</b>	<b>425.9</b>	<b>412.3</b>	<b>403.8</b>	<b>394.2</b>
90°	<b>561.7</b>	<b>475.8</b>	<b>435.2</b>	<b>415.9</b>	<b>406.9</b>	<b>400.5</b>	<b>377.9</b>
110°	<b>574.0</b>	<b>485.8</b>	<b>444.1</b>	<b>420.3</b>	<b>401.8</b>	<b>384.0</b>	<b>366.0</b>
120°	<b>611.1</b>	<b>505.4</b>	<b>457.8</b>	<b>428.5</b>	<b>410.0</b>	<b>390.9</b>	<b>356.5</b>
135°	<b>709.4</b>	<b>567.2</b>	<b>492.4</b>	<b>452.3</b>	<b>426.8</b>	<b>409.7</b>	<b>374.9</b>
150°	<b>853.8</b>	<b>669.3</b>	<b>561.1</b>	<b>495.7</b>	<b>457.3</b>	<b>431.1</b>	<b>397.7</b>
Run VMG	<b>985.9</b>	<b>772.8</b>	<b>647.9</b>	<b>566.4</b>	<b>511.5</b>	<b>472.8</b>	<b>424.4</b>

<b>Certificate</b>
Number <b>PER118</b>
ORC Ref <b>PER00000026</b>
Issued On <b>05/01/2010</b>
VPP Ver. <b>1.11</b>
Valid until <b>31/03/2010</b>

<b>Crew Weight</b>	
Declared	<b>950 kg</b>
Default*	<b>952 kg</b>

<b>Special Scoring</b>	
ToD	ToT
Double Handed <b>587.9</b>	<b>1.0206</b>
Non Spinnaker <b>625.1</b>	<b>0.9598</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1024.1</b>	<b>818.5</b>	<b>703.6</b>	<b>634.9</b>	<b>591.1</b>	<b>561.5</b>	<b>526.9</b>
Circular Random	<b>817.8</b>	<b>656.4</b>	<b>568.7</b>	<b>517.0</b>	<b>484.5</b>	<b>462.9</b>	<b>435.1</b>
Ocean for PCS	<b>875.4</b>	<b>687.2</b>	<b>581.6</b>	<b>516.6</b>	<b>473.6</b>	<b>443.1</b>	<b>399.4</b>
Non Spinnaker	<b>888.3</b>	<b>705.8</b>	<b>605.0</b>	<b>544.4</b>	<b>505.9</b>	<b>480.4</b>	<b>448.6</b>

<b>Sails Limitations</b>		
Genoa	Jibs	Spinnakers
<b>4</b>	<b>3</b>	<b>4</b>
Spinnaker configuration <b>Symmetric</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>45.7°</b>	<b>44.6°</b>	<b>43.4°</b>	<b>41.0°</b>	<b>39.7°</b>	<b>38.8°</b>	<b>38.2°</b>
Beat VMG	<b>3.51</b>	<b>4.28</b>	<b>4.88</b>	<b>5.24</b>	<b>5.48</b>	<b>5.65</b>	<b>5.82</b>
52°	<b>5.53</b>	<b>6.69</b>	<b>7.38</b>	<b>7.79</b>	<b>8.04</b>	<b>8.20</b>	<b>8.35</b>
60°	<b>5.98</b>	<b>7.10</b>	<b>7.74</b>	<b>8.17</b>	<b>8.38</b>	<b>8.50</b>	<b>8.64</b>
75°	<b>6.40</b>	<b>7.41</b>	<b>8.03</b>	<b>8.45</b>	<b>8.73</b>	<b>8.92</b>	<b>9.13</b>
90°	<b>6.41</b>	<b>7.57</b>	<b>8.27</b>	<b>8.66</b>	<b>8.85</b>	<b>8.99</b>	<b>9.53</b>
110°	<b>6.27</b>	<b>7.41</b>	<b>8.11</b>	<b>8.57</b>	<b>8.96</b>	<b>9.37</b>	<b>9.84</b>
120°	<b>5.89</b>	<b>7.12</b>	<b>7.86</b>	<b>8.40</b>	<b>8.78</b>	<b>9.21</b>	<b>10.10</b>
135°	<b>5.08</b>	<b>6.35</b>	<b>7.31</b>	<b>7.96</b>	<b>8.44</b>	<b>8.79</b>	<b>9.60</b>
150°	<b>4.22</b>	<b>5.38</b>	<b>6.42</b>	<b>7.26</b>	<b>7.87</b>	<b>8.35</b>	<b>9.05</b>
Run VMG	<b>3.65</b>	<b>4.66</b>	<b>5.56</b>	<b>6.36</b>	<b>7.04</b>	<b>7.61</b>	<b>8.48</b>
Gybe Angles	<b>141.5°</b>	<b>145.8°</b>	<b>148.1°</b>	<b>157.5°</b>	<b>166.2°</b>	<b>170.3°</b>	<b>175.9°</b>

<b>Storm Sails Areas</b>	
Heavy Weather Jib	<b>42.88</b>
Storm Jib (JL=11.58)	<b>15.88</b>
Storm Trysail	<b>16.26</b>

**Owner**  
Jose Luis Canessa  
Victor Maurtua 346  
Miraflores, Lima  
Peru

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature

<b>BOAT</b>	
Name <b>SESTRI II</b>	Sail Nr <b>PER 1602</b>
File <b>SESTRI2.dxt</b>	Data in <b>meters/kilograms</b>

<b>RIG</b>	
Forestay Tension <b>Aft</b>	Spreaders <b>3</b>
Inner Forestay <b>None Fitted</b>	Runners <b>0</b>
Carbon Mast <b>No</b>	Jumpers <b>None</b>
Taper Hollows <b>No</b>	w/o Backstay <b>No</b>
P <b>16.740</b>	E <b>5.550</b> MDT1 <b>0.120</b> TL <b>1.000</b>
IG <b>17.550</b>	J <b>5.250</b> MDL1 <b>0.235</b> MWT <b>303.00</b>
ISP <b>17.650</b>	SFJ <b>0.150</b> MDT2 <b>0.120</b> MCG <b>5.860</b>
SPS <b>3.910</b>	SPL <b>5.120</b> MDL2 <b>0.180</b> CPW <b>2.770</b>
BAS <b>1.720</b>	TPS <b>0.080</b> MW <b>0.180</b> BD <b>0.190</b>
BAL <b>0.280</b>	FSP <b>0.080</b> GO <b>0.260</b> BWT

<b>HEAVY ITEMS</b>	
Bow Thruster <b>No</b>	Generator <b>No</b> Air Condition <b>No</b>
Windlass <b>Yes</b>	Jib Furler <b>No</b> Desalinator <b>No</b>
Heavy Deck <b>No</b>	Main Furler <b>No</b>
Headliners <b>No</b>	Water Heater <b>Yes</b>
Anchor Weight <b>10.0</b>	Heavy Items Adjustment <b>0.0013</b>
Anchor LCG	Total Gyradius Adjustment <b>0.0388</b>

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

<b>COMMENTS</b>	
Genoa y Spi nuevos al 18-09-08 Declaro peso.	

<b>INCLINING TEST AND FREEBOARDS</b>		
Inclining Test <b>Current Inclining</b>		
Flotation date <b>10/01/2007</b>		SG <b>1.0250</b>
FFM <b>1.470</b>	FF <b>1.470</b>	SFFP <b>0.502</b>
FAM <b>1.120</b>	FA <b>1.120</b>	SAFP <b>12.353</b>
W1 <b>36.250</b>	PD1 <b>57.5</b>	WD <b>13.000</b>
W2 <b>72.500</b>	PD2 <b>115.0</b>	GSA <b>38.0</b>
W3 <b>108.75</b>	PD3 <b>172.5</b>	RSA <b>7800.0</b>
W4 <b>145.00</b>	PD4 <b>230.0</b>	PLM <b>2130.0</b>
Maximum beam station from stem		<b>8.556</b>
RM Measured / Default		<b>304.0 / 299.1</b>
Limit of positive stability		<b>110.6°</b>
Stability Index		<b>116.1</b>
Freeboard at mast at 5.400		<b>1.248</b>

<b>PROPELLER</b>		
Installation <b>Strut Drive</b>	PRD <b>0.460</b>	
Type <b>Folding</b>	PBW <b>0.120</b>	
Twin Screw <b>No</b>	PIPA <b>0.0040</b>	
ST1 <b>0.063</b>	ST3 <b>0.180</b> ST5 <b>0.310</b>	
ST2 <b>0.180</b>	ST4 <b>0.108</b> EDL <b>3.150</b>	

<b>WATER BALLAST</b>	
N/A	

<b>CENTERBOARD</b>	
N/A	

<b>SAILS (Maximum Areas)</b>									
<b>Mainsail</b>	HB	MGT	MGU	MGM	MGL	MSW	Area	Formula	
	0.170	1.14	2.02	3.48	4.63	0.00	54.46	P/8 · (E + 2·MGL+ 2·MGM + 1.5·MGU + MGT + 0.5·HB)	
<b>Jib/Genoa</b>	JH	JGT	JGU	JGM	JGL	JL	LPG		
	0.00	0.93	1.87	3.73	5.60	17.70	7.46	0.1125·JL·(1.445·LPG+2·JGL+2·JGM+1.5·JGU+JGT+0.5·JH)	
<b>Symmetric</b>	SL	SMG	SF						
	17.40	9.40	9.40				136.30	SL · (SF + 4·SMG) / 6	



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