

<b>BOAT</b>
Name <b>EVELYN III</b>
Sail Nr <b>EST 477</b>

<b>GPH</b>
<b>644,4</b>

<b>HULL</b>
Length Overall <b>9,980 m</b>
Maximum Beam <b>3,376 m</b>
Displacement <b>4 960 kg</b>
Draft <b>2,022 m</b>
IMS Reg. Division <b>Cruiser/Racer</b>
Dynamic Allowance <b>0,593%</b>
Fwd Accommodation <b>Yes</b>
Hull Construction <b>Cored</b>
Carbon Rudder <b>No</b>
Trim Tab <b>No</b>
IMS L <b>9,302</b> VCGD <b>-0,088</b> VCGM <b>-0,095</b>
Sink <b>16,81 kg/mm</b> Wetted Area <b>22,73 m<sup>2</sup></b>



**2009**  
ORC International  
Certificate

<b>GENERAL</b>
Class <b>First 34.7</b>
Designer <b>Farr</b>
Builder <b>Beneteau</b>
Series <b>10.2005</b>
Age <b>05.2007</b>
Age Allowance <b>0,260%</b>
Offset File <b>F235.OFF - 27.07.2006 16:07:34</b>
Measurement by <b>A.Tetsmann - 28.04.2008</b>

<b>SCORING OPTIONS</b>		
	<b>OFFSHORE</b>	<b>INSHORE</b>
	<b>COASTAL / LONG DISTANCE</b>	<b>WINDWARD / LEEWARD</b>
Time On Distance	<b>644,4</b>	<b>718,4</b>
Time On Time	<b>0,9312</b>	<b>0,9396</b>
Performance Line	PLT <b>0,819</b> PLD <b>105,3</b>	PLT <b>0,958</b> PLD <b>286,6</b>
Triple Number	Low <b>0,9076</b> Medium <b>1,1854</b> High <b>1,3365</b>	Low <b>0,6888</b> Medium <b>0,9569</b> High <b>1,1122</b>

<b>Rating Office</b>
<b>Estonian Yachting Union</b>
<b>Veiko Rosme</b>
<b>Regati 1, 11911, Tallinn</b>
<b>Estonia</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1124,1</b>	<b>914,9</b>	<b>797,6</b>	<b>748,2</b>	<b>721,5</b>	<b>705,0</b>	<b>690,8</b>
52°	<b>725,8</b>	<b>596,3</b>	<b>547,4</b>	<b>517,7</b>	<b>504,1</b>	<b>496,6</b>	<b>489,5</b>
60°	<b>677,0</b>	<b>570,9</b>	<b>528,9</b>	<b>500,6</b>	<b>486,3</b>	<b>479,8</b>	<b>472,7</b>
75°	<b>634,2</b>	<b>544,6</b>	<b>499,6</b>	<b>482,8</b>	<b>471,4</b>	<b>456,7</b>	<b>445,0</b>
90°	<b>596,3</b>	<b>526,1</b>	<b>488,6</b>	<b>466,6</b>	<b>455,0</b>	<b>447,4</b>	<b>428,5</b>
110°	<b>612,5</b>	<b>538,5</b>	<b>498,7</b>	<b>473,4</b>	<b>449,2</b>	<b>427,7</b>	<b>405,1</b>
120°	<b>659,5</b>	<b>556,2</b>	<b>511,1</b>	<b>482,7</b>	<b>459,9</b>	<b>436,3</b>	<b>392,4</b>
135°	<b>762,3</b>	<b>605,9</b>	<b>542,8</b>	<b>504,4</b>	<b>479,7</b>	<b>458,5</b>	<b>416,3</b>
150°	<b>911,7</b>	<b>717,3</b>	<b>597,3</b>	<b>542,2</b>	<b>505,9</b>	<b>481,7</b>	<b>441,1</b>
Run VMG	<b>1052,7</b>	<b>828,2</b>	<b>688,3</b>	<b>605,7</b>	<b>554,4</b>	<b>517,9</b>	<b>472,5</b>

<b>Certificate</b>
Number <b>EST477</b>
ORC Ref <b>EST00000078</b>
Issued On <b>2.05.2009</b>
VPP Ver. <b>1.11</b>
Valid until <b>31.12.2009</b>

<b>Crew Weight</b>
Declared <b>607 kg</b>
Default* <b>617 kg</b>

<b>Special Scoring</b>
ToD ToT
Double <b>646,6 0,9280</b>
Non Spinnaker <b>691,1 0,8682</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1107,9</b>	<b>883,1</b>	<b>756,4</b>	<b>686,3</b>	<b>645,4</b>	<b>618,2</b>	<b>587,7</b>
Circular Random	<b>891,3</b>	<b>718,0</b>	<b>624,9</b>	<b>570,7</b>	<b>537,2</b>	<b>515,1</b>	<b>486,6</b>
Ocean for PCS	<b>953,0</b>	<b>751,2</b>	<b>638,9</b>	<b>570,7</b>	<b>526,2</b>	<b>494,8</b>	<b>450,1</b>
Non Spinnaker	<b>978,9</b>	<b>778,4</b>	<b>668,7</b>	<b>603,7</b>	<b>563,4</b>	<b>537,1</b>	<b>504,8</b>

<b>Sails Limitations</b>
Genoa <b>0</b> Jibs <b>4</b> Spinnakers <b>3</b>
Spinnaker configuration <b>Symmetric</b>

<b>Storm Sails Areas</b>
Heavy Weather Jib <b>23,82</b>
Storm Jib (JL=8,63) <b>8,82</b>
Storm Trysail <b>10,08</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>44,0°</b>	<b>44,6°</b>	<b>40,6°</b>	<b>38,8°</b>	<b>37,6°</b>	<b>37,0°</b>	<b>36,7°</b>
Beat VMG	<b>3,20</b>	<b>3,93</b>	<b>4,51</b>	<b>4,81</b>	<b>4,99</b>	<b>5,11</b>	<b>5,21</b>
52°	<b>4,96</b>	<b>6,04</b>	<b>6,58</b>	<b>6,95</b>	<b>7,14</b>	<b>7,25</b>	<b>7,35</b>
60°	<b>5,32</b>	<b>6,31</b>	<b>6,81</b>	<b>7,19</b>	<b>7,40</b>	<b>7,50</b>	<b>7,62</b>
75°	<b>5,68</b>	<b>6,61</b>	<b>7,21</b>	<b>7,46</b>	<b>7,64</b>	<b>7,88</b>	<b>8,09</b>
90°	<b>6,04</b>	<b>6,84</b>	<b>7,37</b>	<b>7,72</b>	<b>7,91</b>	<b>8,05</b>	<b>8,40</b>
110°	<b>5,88</b>	<b>6,69</b>	<b>7,22</b>	<b>7,60</b>	<b>8,01</b>	<b>8,42</b>	<b>8,89</b>
120°	<b>5,46</b>	<b>6,47</b>	<b>7,04</b>	<b>7,46</b>	<b>7,83</b>	<b>8,25</b>	<b>9,18</b>
135°	<b>4,72</b>	<b>5,94</b>	<b>6,63</b>	<b>7,14</b>	<b>7,50</b>	<b>7,85</b>	<b>8,65</b>
150°	<b>3,95</b>	<b>5,02</b>	<b>6,03</b>	<b>6,64</b>	<b>7,12</b>	<b>7,47</b>	<b>8,16</b>
Run VMG	<b>3,42</b>	<b>4,35</b>	<b>5,23</b>	<b>5,94</b>	<b>6,49</b>	<b>6,95</b>	<b>7,62</b>
Gybe Angles	<b>142,7°</b>	<b>147,5°</b>	<b>152,2°</b>	<b>164,7°</b>	<b>170,5°</b>	<b>172,5°</b>	<b>174,9°</b>

<b>Owner</b>
<b>OÜ DIALUKS</b>
<b>Vesiroosi 14</b>
<b>Vaskjala k., Rae vald</b>
<b>ESS Kalev JK</b>
I certify that I understand my responsibilities under ORC Rules and Regulations
Signature

<b>BOAT</b>	
Name <b>EVELYN III</b>	Sail Nr <b>EST 477</b>
File <b>Est0477.dxt</b>	Data in <b>meters/kilograms</b>

<b>RIG</b>			
Forestay Tension <b>Aft</b>	Spreaders <b>2</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>12,800</b>	E <b>4,500</b>	MDT1 <b>0,115</b>	TL <b>0,700</b>
IG <b>13,050</b>	J <b>3,640</b>	MDL1 <b>0,170</b>	MWT <b>128,00</b>
ISP <b>13,080</b>	SFJ <b>0,000</b>	MDT2	MCG <b>4,650</b>
SPS	SPL <b>3,640</b>	MDL2	CPW <b>2,020</b>
BAS <b>1,569</b>	TPS	MW <b>0,128</b>	BD <b>0,130</b>
BAL <b>0,150</b>	FSP <b>0,066</b>	GO <b>0,192</b>	BWT

<b>HEAVY ITEMS</b>			
Bow Thruster <b>No</b>	Generator <b>No</b>	Air Condition <b>No</b>	
Windlass <b>No</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>No</b>		
Anchor Weight	Heavy Items Adjustment	<b>0,0000</b>	
Anchor LCG	Total Gyradius Adjustment	<b>0,0348</b>	

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

<b>COMMENTS</b>

<b>INCLINING TEST AND FREEBOARDS</b>		
Inclining Test <b>Current Inclining</b>		
Flotation date <b>29.05.2007</b>		SG <b>1,0050</b>
FFM <b>1,260</b>	FF <b>1,268</b>	SFFP <b>0,172</b>
FAM <b>1,025</b>	FA <b>1,030</b>	SAFP <b>9,530</b>
W1 <b>60,200</b>	PD1 <b>205,0</b>	WD <b>10,450</b>
W2 <b>60,200</b>	PD2 <b>207,0</b>	GSA <b>12,6</b>
W3 <b>60,200</b>	PD3 <b>208,0</b>	RSA <b>4298,7</b>
W4 <b>60,200</b>	PD4 <b>207,0</b>	PLM <b>2005,</b>
Maximum beam station from stem		<b>6,601</b>
RM Measured / Default		<b>106,5 / 100,5</b>
Limit of positive stability		<b>127,3°</b>
Stability Index		<b>128,0</b>
Freeboard at mast at 3,640		<b>1,140</b>

<b>PROPELLER</b>		
Installation <b>Strut Drive</b>	PRD <b>0,410</b>	
Type <b>Folding</b>	PBW	
Twin Screw <b>No</b>	PIPA <b>0,0030</b>	
ST1 <b>0,035</b>	ST3 <b>0,180</b>	ST5 <b>0,280</b>
ST2 <b>0,180</b>	ST4 <b>0,100</b>	EDL <b>1,790</b>

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

<b>CENTERBOARD</b>
N/A



**2009**  
IMS Measurement  
Certificate

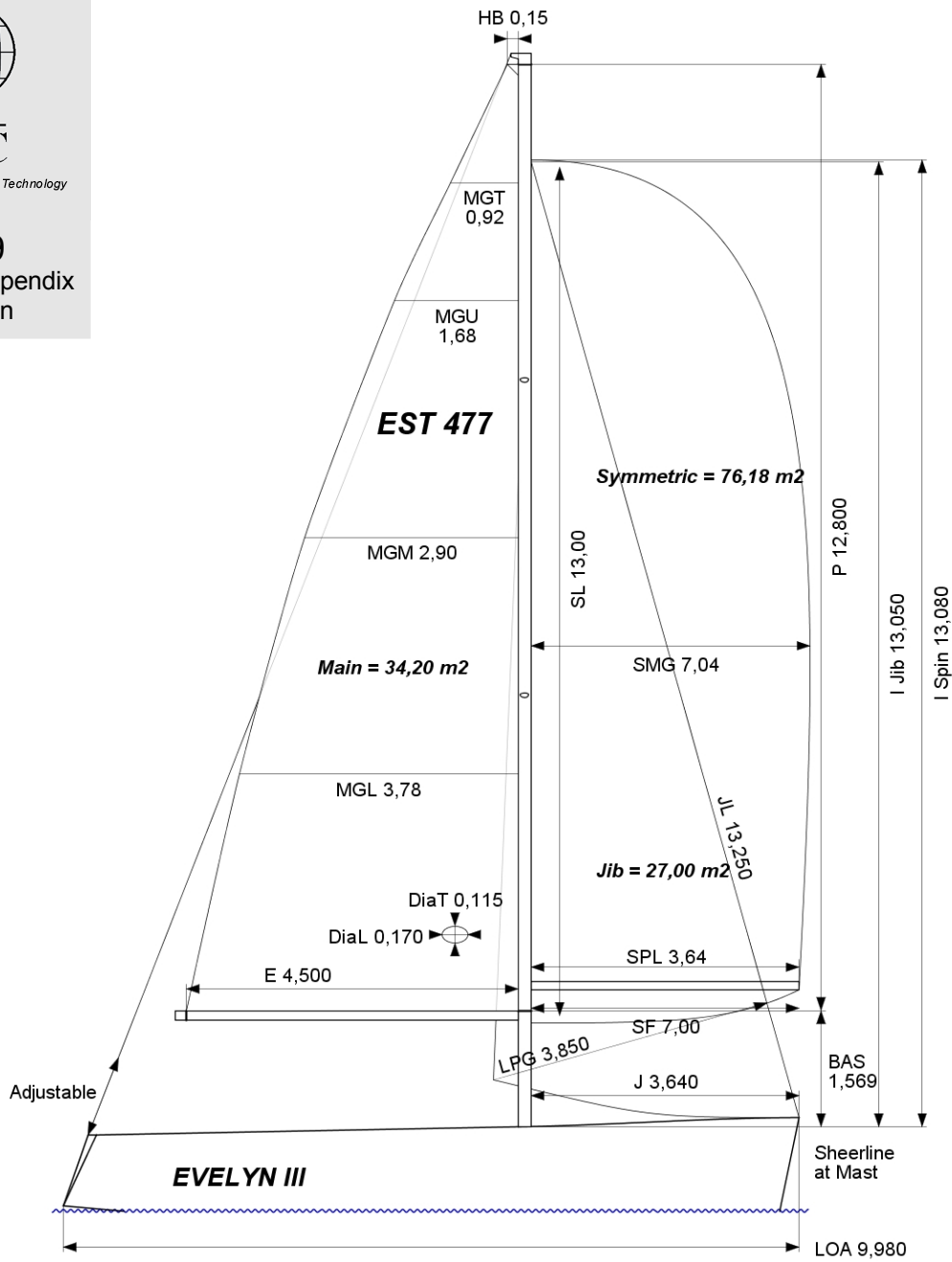
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<b>SAILS (Maximum Areas)</b>										
Mainsail	HB	MGT	MGU	MGM	MGL	MSW	Area	Formula		
	0,150	0,92	1,68	2,90	3,78	16,50	34,20	$P/8 \cdot (E + 2 \cdot MGL + 2 \cdot MGM + 1.5 \cdot MGU + MGT + 0.5 \cdot HB)$		
Jib/Genoa	JH	JGT	JGU	JGM	JGL	JL	LPG	Area	Formula	
	0,10	0,59	1,11	2,10	3,02	13,25	3,85	27,00	$0.1125 \cdot JL \cdot (1.445 \cdot LPG + 2 \cdot JGL + 2 \cdot JGM + 1.5 \cdot JGU + JGT + 0.5 \cdot JH)$	
Symmetric	SL	SMG	SF				Area	Formula		
	13,00	7,04	7,00				76,18	$SL \cdot (SF + 4 \cdot SMG) / 6$		



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Sail Plan



**SAILS INVENTORY**

**MAINSAIL**

Id	HB	MGT	MGU	MGM	MGL	MSW	Area	Meas.	Meas.	Material	Comment
ORC	0,150	0,92	1,68	2,90	3,78	16,50	34,20				* Copied from legacy *

**JIBS / GENOAS**

Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Ovrlp	Area	Meas.	Meas.	Material	Comment
1	0,10	0,59	1,11	2,10	3,02	3,85	13,25	106%	27,00			Unknown	

**SYMMETRIC SPINNAKERS**

Id	SL	SMG	SF	Area	Meas.	Meas.	Material	Comment
1	13,00	7,04	7,00	76,18			Unknown	light
2	13,00	7,00	6,98	75,79			Unknown	medium
3	12,98	6,62	6,60	71,56			Unknown	hard

**ASYMMETRIC SPINNAKERS**

Id	SLU	SLE	ASL	AMG	ASF	Area	Kind	Meas.	Meas.	Material	Comment
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