

<b>BOAT</b> Name <b>Teamwork</b> Sail Nr <b>USA 52939</b>	<b>GPH</b> <b>576.9</b>	<b>HULL</b> Length Overall <b>12.190m</b> Maximum Beam <b>3.638m</b> Displacement <b>7,147kg</b> Draft <b>2.226m</b> IMS Reg. Division <b>Cruiser/Racer</b> Dynamic Allowance <b>0.112%</b> Fwd Accommodation <b>Yes</b> Hull Construction <b>Cored</b> Carbon Rudder <b>No</b> Crew Arm Extension
<b>GENERAL</b> Class <b>J-122</b> Designer <b>J Boats</b> Builder <b>JEurope</b> Series <b>01/2006</b> Age <b>01/2007</b> Age Allowance <b>0.390%</b> Offset File <b>US6179.OFF - 12/03/2018 17:02:00</b> Measurement by - <b>19/04/2017</b>		IMSL <b>11.093m</b> VCGD <b>-0.004m</b> Sink <b>23.05kg/mm</b> RL <b>10.043m</b> VCGM <b>-0.028m</b> WS <b>30.77m<sup>2</sup></b> LSM0 <b>10.976m</b> Displacement/Length ratio <b>5.4049</b>



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<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>560.7</b>			<b>629.0</b>		
Time on Time	<b>1.0701</b>			<b>1.0732</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>657.1</b>	<b>511.3</b>	<b>460.4</b>	<b>848.0</b>	<b>629.8</b>	<b>556.1</b>
Time on Time	<b>1.0273</b>	<b>1.3201</b>	<b>1.4662</b>	<b>0.7960</b>	<b>1.0717</b>	<b>1.2139</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>979.5</b>	<b>804.8</b>	<b>707.5</b>	<b>666.3</b>	<b>649.3</b>	<b>641.4</b>	<b>624.8</b>
52°	<b>643.3</b>	<b>536.9</b>	<b>487.5</b>	<b>469.8</b>	<b>463.1</b>	<b>459.8</b>	<b>454.0</b>
60°	<b>609.6</b>	<b>513.9</b>	<b>474.8</b>	<b>458.7</b>	<b>451.1</b>	<b>447.1</b>	<b>442.8</b>
75°	<b>584.9</b>	<b>499.2</b>	<b>465.7</b>	<b>448.1</b>	<b>435.6</b>	<b>427.1</b>	<b>419.9</b>
90°	<b>583.5</b>	<b>489.0</b>	<b>463.0</b>	<b>446.3</b>	<b>429.8</b>	<b>414.7</b>	<b>393.9</b>
110°	<b>572.9</b>	<b>479.8</b>	<b>447.2</b>	<b>427.7</b>	<b>414.2</b>	<b>402.1</b>	<b>380.5</b>
120°	<b>586.3</b>	<b>487.0</b>	<b>450.2</b>	<b>424.8</b>	<b>401.4</b>	<b>385.9</b>	<b>361.5</b>
135°	<b>654.1</b>	<b>526.6</b>	<b>469.0</b>	<b>441.4</b>	<b>415.5</b>	<b>389.4</b>	<b>337.8</b>
150°	<b>773.9</b>	<b>618.5</b>	<b>523.0</b>	<b>472.8</b>	<b>451.8</b>	<b>432.5</b>	<b>388.8</b>
Run VMG	<b>893.6</b>	<b>714.1</b>	<b>603.9</b>	<b>545.5</b>	<b>518.9</b>	<b>482.9</b>	<b>437.6</b>

**Certificate**  
Number **US6179**  
ORC Ref **USAX013WFTP**  
Issued On **12/03/2018**  
VPP Ver. **2018 1.00**  
Valid until **31/12/2018**

**Crew Weight**  
Default **786kg**  
Maximum **840kg**  
Minimum\* **630kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

ToD	ToT
Non Spin GPH <b>617.4</b>	<b>0.9718</b>
Non Spin OSN <b>599.3</b>	<b>1.0011</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>936.6</b>	<b>759.5</b>	<b>655.7</b>	<b>605.9</b>	<b>584.1</b>	<b>562.2</b>	<b>531.2</b>
Circular Random	<b>791.0</b>	<b>639.5</b>	<b>559.6</b>	<b>514.2</b>	<b>486.7</b>	<b>468.2</b>	<b>442.1</b>
Coastal / Long Distance	<b>932.3</b>	<b>713.0</b>	<b>593.2</b>	<b>529.8</b>	<b>497.8</b>	<b>470.3</b>	<b>425.0</b>
Non Spinnaker	<b>866.6</b>	<b>692.6</b>	<b>597.9</b>	<b>542.2</b>	<b>507.6</b>	<b>484.8</b>	<b>455.4</b>

**Sails Limitations**

Headsails	Spinnakers
<b>6</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>42.8°</b>	<b>41.3°</b>	<b>40.4°</b>	<b>38.9°</b>	<b>38.0°</b>	<b>37.8°</b>	<b>37.3°</b>
Beat VMG	<b>3.68</b>	<b>4.47</b>	<b>5.09</b>	<b>5.40</b>	<b>5.54</b>	<b>5.61</b>	<b>5.76</b>
52°	<b>5.60</b>	<b>6.71</b>	<b>7.38</b>	<b>7.66</b>	<b>7.77</b>	<b>7.83</b>	<b>7.93</b>
60°	<b>5.91</b>	<b>7.01</b>	<b>7.58</b>	<b>7.85</b>	<b>7.98</b>	<b>8.05</b>	<b>8.13</b>
75°	<b>6.16</b>	<b>7.21</b>	<b>7.73</b>	<b>8.03</b>	<b>8.27</b>	<b>8.43</b>	<b>8.57</b>
90°	<b>6.17</b>	<b>7.36</b>	<b>7.78</b>	<b>8.07</b>	<b>8.38</b>	<b>8.68</b>	<b>9.14</b>
110°	<b>6.28</b>	<b>7.50</b>	<b>8.05</b>	<b>8.42</b>	<b>8.69</b>	<b>8.95</b>	<b>9.46</b>
120°	<b>6.14</b>	<b>7.39</b>	<b>8.00</b>	<b>8.47</b>	<b>8.97</b>	<b>9.33</b>	<b>9.96</b>
135°	<b>5.50</b>	<b>6.84</b>	<b>7.68</b>	<b>8.16</b>	<b>8.66</b>	<b>9.24</b>	<b>10.66</b>
150°	<b>4.65</b>	<b>5.82</b>	<b>6.88</b>	<b>7.61</b>	<b>7.97</b>	<b>8.32</b>	<b>9.26</b>
Run VMG	<b>4.03</b>	<b>5.04</b>	<b>5.96</b>	<b>6.60</b>	<b>6.94</b>	<b>7.45</b>	<b>8.23</b>
Gybe Angles	<b>143.7°</b>	<b>147.1°</b>	<b>148.4°</b>	<b>150.9°</b>	<b>152.3°</b>	<b>175.9°</b>	<b>177.4°</b>

**Class Division Length**  
CDL = **10.569**

**Storm Sails Areas**  
Heavy Weather Jib **39.74**  
Storm Jib (JL=11.16) **14.72**  
Storm Trysail **14.68**

**Owner**

<b>BOAT</b>	
Name <b>Teamwork</b>	Sail Nr <b>USA 52939</b>
File <b>US6179</b>	Data in <b>meters/kilograms</b>

<b>INCLINING TEST AND FREEBOARDS</b>			
Inclining Test <b>Current Inclining</b>			
Flotation date <b>19/04/2017</b>		SG <b>1.0140</b>	
FFM <b>1.368</b>	FF <b>1.372</b>	SFFP <b>0.300</b>	
FAM <b>0.980</b>	FA <b>0.983</b>	SAFP <b>11.850</b>	
W1 <b>93.5</b>	PD1 <b>573.0</b>	WD <b>13.865</b>	
W2 <b>93.5</b>	PD2 <b>574.0</b>	GSA <b>1.0</b>	
W3 <b>93.5</b>	PD3 <b>570.0</b>	RSA <b>1.0</b>	
W4 <b>93.5</b>	PD4 <b>572.0</b>	PLM <b>9000.0</b>	
LCF from stem on CL / on sheer		<b>6.776 / 6.996</b>	
Maximum beam station from stem		<b>7.800</b>	
RM Measured		<b>178.4kg-m</b>	
RM Default		<b>183.6kg-m</b>	
Limit of positive stability / Stab.Index		<b>118.0° / 122.1</b>	
Freeboard at mast at 4.870		<b>1.157</b>	



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<b>RIG</b>			
Forestay Tension <b>Aft</b>	Spreaders <b>2</b>		
Inner Stay <b>None Fitted</b>	Runners <b>0</b>		
Carbon Mast <b>Yes</b>	Jumper Struts <b>None</b>		
Taper Hollows <b>No</b>	Jib Furler <b>No</b>		
Fiber Rigging <b>No</b>	Main Furler <b>No</b>		
Lenticular Rigging <b>No</b>	Without Backstay <b>No</b>		
Articulated Bowsprit <b>No</b>			
P <b>15.650</b>	E <b>5.360</b>	MDT1 <b>0.130</b>	MW <b>0.205</b>
IG <b>17.080</b>	J <b>4.570</b>	MDL1 <b>0.255</b>	GO <b>0.225</b>
ISP <b>17.600</b>	SFJ <b>0.300</b>	MDT2 <b>0.130</b>	BD <b>0.220</b>
BAS <b>1.745</b>	SPL <b>0.000</b>	MDL2 <b>0.188</b>	MWT
FSP <b>0.064</b>	TPS <b>6.420</b>	TL <b>1.920</b>	MCG

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

<b>PROPELLER</b>			
Installation <b>Strut</b>	PRD <b>0.420</b>		
Type <b>Folding 3 blades</b>	PBW <b>0.110</b>		
Twin Screw <b>No</b>	PIPA <b>0.0033</b>		
ST1 <b>0.048</b>	ST3 <b>0.170</b>	ST5 <b>0.290</b>	
ST2 <b>0.170</b>	ST4 <b>0.098</b>	EDL <b>2.400</b>	

<b>COMMENTS</b>	

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



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<b>BILGEBOARD</b>		
BS	BT	BA
BF	BX	
BC	BY	

<b>SAILS (Maximum Areas)</b>									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.170	1.11	1.98	3.47	4.48	49.74	50.68	P/8 · (E + 2·MQW+ 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric Not Available									
Asymmetric on centerline	SLU	SLE	SL	SHW	SFL	Area	Formula		
	19.81	16.69	18.25	10.17	10.23	154.85	AS · (SFL + 4·SHW) / 6		

<b>HEADSAILS</b>												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
HHB	HUW	HTW	HHW	HQW	HLP	HLU	Area	Btn	Fly	Meas.Date	Material	Comment
0.08	0.64	1.23	2.47	3.77	5.07	16.38	41.15					

<b>MEASUREMENT INVENTORY</b>				
Measurer	Date	Comment		
Id	Item	Weight	Distance	VCG Description
a	Anchor	0.0	0.00	
Id	Item	Weight	Description	

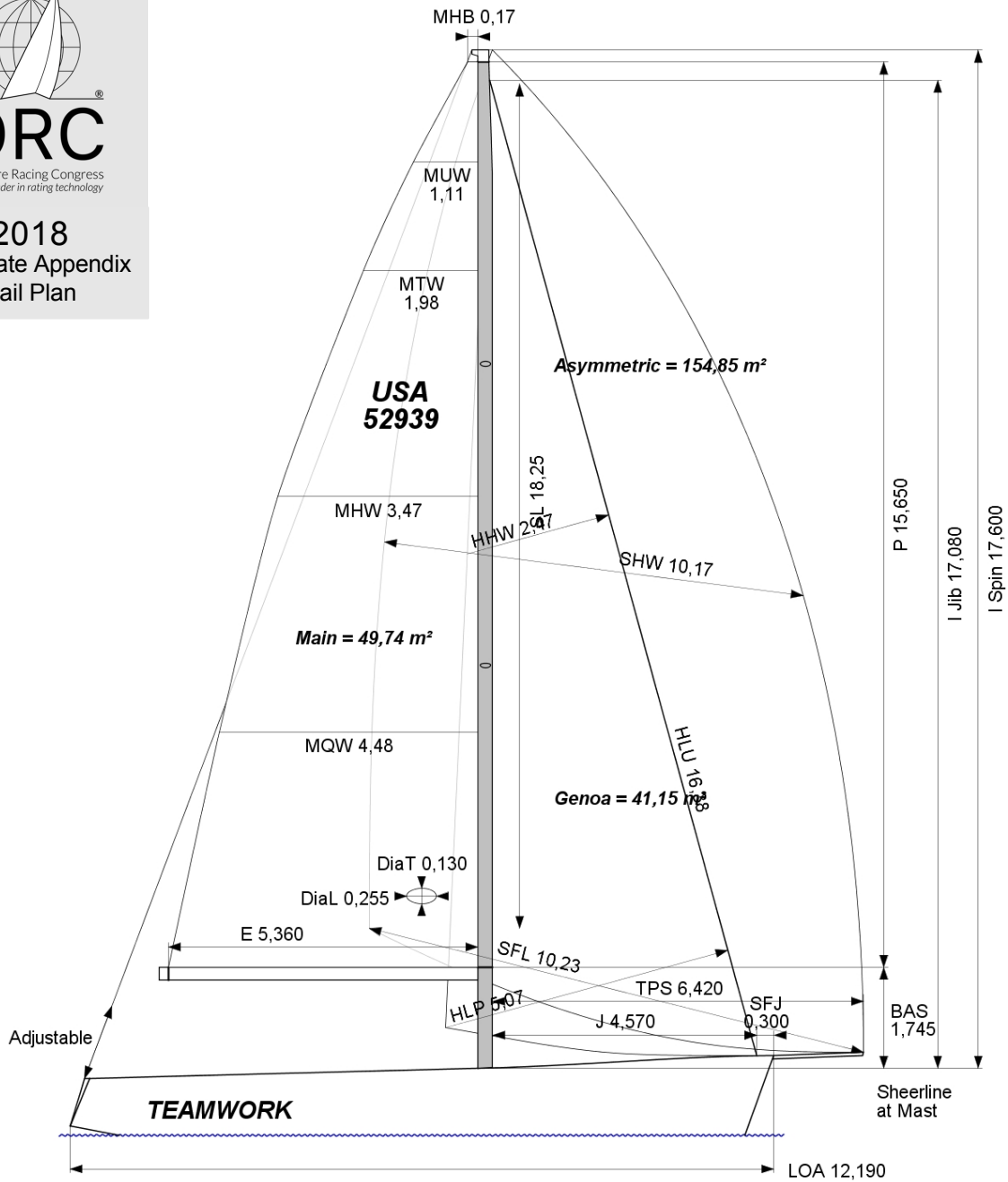
<b>MEASUREMENT INVENTORY</b>									
Id	Item	Tank	Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description
		Tank				0.00	0.00	0-0	
Id	Item	Weight	Distance	VCG	Description				



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Sail Plan



**SAILS INVENTORY**

**MAINSAIL (1)**

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
1622166	0.17	1.11	1.98	3.47	4.48	49.74					Remeasured

**HEADSAILS (1)**

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1574024	0.08	0.64	1.23	2.47	3.77	5.07	16.38	111%	41.15							

**SYMMETRIC SPINNAKERS (0)**

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
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**ASYMMETRIC SPINNAKERS (1)**

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
1574042	19.81	16.69	18.25	10.17	10.23	154.86	asym					