

<b>BOAT</b> Name <b>ANOTHER FIASCO</b> Sail Nr <b>Q 999</b>	<b>GPH</b> <b>556.7</b>	<b>HULL</b> Length Overall <b>12.880m</b> Maximum Beam <b>3.976m</b> Displacement <b>6,568kg</b> Draft <b>2.786m</b> IMS Reg. Division <b>Performance</b> Dynamic Allowance <b>0.000%</b> Fwd Accommodation <b>No</b> Hull Construction <b>Light</b> Carbon Rudder <b>Yes</b> Crew Arm Extension
<b>GENERAL</b> Class <b>JUTSON 43</b> Designer <b>JUTSON</b> Builder <b>P BOLTON</b> Series <b>11/1994</b> Age <b>11/1994</b> Age Allowance <b>0.487%</b> Offset File <b>ESPRITB.OFF - 23/07/1999 09:09:06</b> Measurement by <b>JA/MR/TLH - 02/08/1999</b>		IMSL <b>11.232m</b> VCGD <b>0.107m</b> Sink <b>22.91kg/mm</b> RL <b>11.195m</b> VCGM <b>0.083m</b> WS <b>29.57m<sup>2</sup></b>




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SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	PLT	PLD		PLT	PLD	
Time On Distance	<b>543.4</b>			<b>606.9</b>		
Time On Time	<b>1.1043</b>			<b>1.1123</b>		
Performance Line	<b>0.972</b>	<b>117.6</b>		<b>0.959</b>	<b>213.5</b>	
Triple Number	Low <b>1.0657</b>	Medium <b>1.3638</b>	High <b>1.5351</b>	Low <b>0.8150</b>	Medium <b>1.1027</b>	High <b>1.2844</b>

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>884.9</b>	<b>733.6</b>	<b>663.6</b>	<b>631.1</b>	<b>611.4</b>	<b>603.1</b>	<b>601.0</b>
52°	<b>578.4</b>	<b>489.1</b>	<b>461.1</b>	<b>450.3</b>	<b>443.9</b>	<b>439.6</b>	<b>434.8</b>
60°	<b>544.1</b>	<b>471.0</b>	<b>447.9</b>	<b>437.7</b>	<b>431.2</b>	<b>426.7</b>	<b>420.0</b>
75°	<b>515.3</b>	<b>459.0</b>	<b>435.2</b>	<b>419.1</b>	<b>409.6</b>	<b>403.5</b>	<b>396.9</b>
90°	<b>518.8</b>	<b>461.0</b>	<b>436.2</b>	<b>414.9</b>	<b>396.0</b>	<b>382.9</b>	<b>372.1</b>
110°	<b>575.6</b>	<b>478.7</b>	<b>441.8</b>	<b>414.6</b>	<b>393.4</b>	<b>380.5</b>	<b>359.6</b>
120°	<b>599.6</b>	<b>492.4</b>	<b>450.0</b>	<b>423.4</b>	<b>396.2</b>	<b>370.3</b>	<b>345.1</b>
135°	<b>678.6</b>	<b>547.3</b>	<b>478.0</b>	<b>446.3</b>	<b>422.1</b>	<b>397.1</b>	<b>346.4</b>
150°	<b>816.8</b>	<b>650.7</b>	<b>546.5</b>	<b>480.9</b>	<b>448.5</b>	<b>425.0</b>	<b>377.6</b>
Run VMG	<b>943.1</b>	<b>751.4</b>	<b>631.0</b>	<b>548.9</b>	<b>491.3</b>	<b>455.4</b>	<b>408.3</b>

Selected Courses							
Windward / Leeward	<b>914.0</b>	<b>742.5</b>	<b>647.3</b>	<b>590.0</b>	<b>551.3</b>	<b>529.2</b>	<b>504.7</b>
Circular Random	<b>762.8</b>	<b>617.9</b>	<b>540.5</b>	<b>495.4</b>	<b>467.3</b>	<b>448.5</b>	<b>424.0</b>
Ocean for PCS	<b>814.2</b>	<b>645.9</b>	<b>552.5</b>	<b>495.2</b>	<b>457.2</b>	<b>429.8</b>	<b>390.1</b>
Non Spinnaker	<b>796.3</b>	<b>641.7</b>	<b>558.3</b>	<b>509.2</b>	<b>478.2</b>	<b>457.4</b>	<b>430.2</b>

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	<b>42.8°</b>	<b>41.8°</b>	<b>39.5°</b>	<b>38.0°</b>	<b>36.7°</b>	<b>36.3°</b>	<b>36.6°</b>
Beat VMG	<b>4.07</b>	<b>4.91</b>	<b>5.42</b>	<b>5.70</b>	<b>5.89</b>	<b>5.97</b>	<b>5.99</b>
52°	<b>6.22</b>	<b>7.36</b>	<b>7.81</b>	<b>7.99</b>	<b>8.11</b>	<b>8.19</b>	<b>8.28</b>
60°	<b>6.62</b>	<b>7.64</b>	<b>8.04</b>	<b>8.23</b>	<b>8.35</b>	<b>8.44</b>	<b>8.57</b>
75°	<b>6.99</b>	<b>7.84</b>	<b>8.27</b>	<b>8.59</b>	<b>8.79</b>	<b>8.92</b>	<b>9.07</b>
90°	<b>6.94</b>	<b>7.81</b>	<b>8.25</b>	<b>8.68</b>	<b>9.09</b>	<b>9.40</b>	<b>9.67</b>
110°	<b>6.25</b>	<b>7.52</b>	<b>8.15</b>	<b>8.68</b>	<b>9.15</b>	<b>9.46</b>	<b>10.01</b>
120°	<b>6.00</b>	<b>7.31</b>	<b>8.00</b>	<b>8.50</b>	<b>9.09</b>	<b>9.72</b>	<b>10.43</b>
135°	<b>5.31</b>	<b>6.58</b>	<b>7.53</b>	<b>8.07</b>	<b>8.53</b>	<b>9.07</b>	<b>10.39</b>
150°	<b>4.41</b>	<b>5.53</b>	<b>6.59</b>	<b>7.49</b>	<b>8.03</b>	<b>8.47</b>	<b>9.53</b>
Run VMG	<b>3.82</b>	<b>4.79</b>	<b>5.71</b>	<b>6.56</b>	<b>7.33</b>	<b>7.91</b>	<b>8.82</b>
Gybe Angles	<b>139.9°</b>	<b>147.0°</b>	<b>150.2°</b>	<b>157.3°</b>	<b>173.3°</b>	<b>178.4°</b>	<b>178.2°</b>

**Certificate**

Number **505700**  
ORC Ref **AUS00020523**  
Issued On **11/11/2015**  
VPP Ver. **2015 1.01**  
Valid until **30/06/2016**

**Crew Weight**

Declared **860kg**  
Default\* **780kg**  
Non Manual Pwr **No**

**Special Scoring**

ToD ToT  
Non Spin GPH **575.4 1.0428**  
Non Spin OSN **561.9 1.0679**  
N/S Perf. Line **95.4 0.901**

**Sails Limitations**

Headsails	Spinnakers
<b>7</b>	<b>4</b>

**Class Division Length**

CDL = **11.214**

**Storm Sails Areas**


Heavy Weather Jib **34.95**  
Storm Jib (JL=10.46) **12.94**  
Storm Triesail **17.26**

**Owner**

<b>BOAT</b>	
Name <b>ANOTHER FIASCO</b>	Sail Nr <b>Q 999</b>
File <b>5057.dxt</b>	Data in <b>meters/kilograms</b>

<b>INCLINING TEST AND FREEBOARDS</b>		
Inclining Test <b>Current Inclining</b>		
Flotation date <b>11/12/2009</b>	SG	<b>1.0260</b>
FFM <b>1.487</b>	FF <b>1.492</b>	SFFP <b>0.300</b>
FAM <b>1.078</b>	FA <b>1.080</b>	SAFP <b>12.480</b>
W1 <b>24.000</b>	PD1 <b>66.0</b>	WD <b>13.200</b>
W2 <b>48.000</b>	PD2 <b>131.0</b>	GSA <b>19.4</b>
W3 <b>72.000</b>	PD3 <b>197.0</b>	RSA <b>6400.0</b>
W4 <b>96.000</b>	PD4 <b>263.0</b>	PLM <b>2060.0</b>
LCF from stem on CL / on sheer		<b>7.136 / 7.370</b>
Maximum beam station from stem		<b>8.000</b>
RM Measured		<b>173.3kg·m</b>
RM Default		<b>202.1kg·m</b>
Limit of positive stability / Stab.Index		<b>117.3° / 116.8</b>
Freeboard at mast at 4.974		<b>1.320</b>


<b>RIG</b>				
Forestay Tension <b>Aft</b>	Spreaders	<b>3</b>		
Inner Stay <b>None Fitted</b>	Runners	<b>2</b>		
Carbon Mast <b>No</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>16.860</b>	E <b>5.850</b>	MDT1 <b>0.122</b>	MW <b>0.195</b>	
IG <b>16.090</b>	J <b>4.679</b>	MDL1 <b>0.219</b>	GO <b>0.195</b>	
ISP <b>16.070</b>	SFJ <b>0.295</b>	MDT2 <b>0.105</b>	BD <b>0.255</b>	
BAS <b>1.783</b>	SPL <b>4.660</b>	MDL2 <b>0.105</b>	MWT <b>234.00</b>	
FSP <b>0.066</b>	TPS	TL <b>3.680</b>	MCG <b>5.215</b>	



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## 2015 Measurements Datasheet

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

<b>PROPELLER</b>		
Installation <b>Strut</b>	PRD	<b>0.422</b>
Type <b>Folding 2 blades</b>	PBW	<b>0.150</b>
Twin Screw <b>No</b>	PIPA	<b>0.0035</b>
ST1 <b>0.041</b>	ST3 <b>0.180</b>	ST5 <b>0.250</b>
ST2 <b>0.180</b>	ST4 <b>0.113</b>	EDL <b>1.445</b>

<b>COMMENTS</b>	

<b>MOVEABLE BALLAST</b>	
N/A	

<b>CENTERBOARD</b>	
N/A	

<b>SAILS (Maximum Areas)</b>						
Mainsail	HB	MGT	MGU	MGM	MGL	Area Area (r) Formula
	0.188	1.22	2.18	3.77	4.92	58.62 59.77 $P/8 \cdot (E + 2 \cdot MGL + 2 \cdot MGM + 1.5 \cdot MGU + MGT + 0.5 \cdot HB)$
Symmetric	SL	SMG	SF			110.87 $SL \cdot (SF + 4 \cdot SMG) / 6$
Asymmetric						
Not Available						

<b>HEADSAILS</b>												
Area = $0.1125 \cdot JL \cdot (1.445 \cdot LPG + 2 \cdot JGL + 2 \cdot JGM + 1.5 \cdot JGU + JGT + 0.5 \cdot JH)$												
JH	JGT	JGU	JGM	JGL	LPG	JL	Area	Btn	Fly	Meas.Date	Material	Comment
					6.37	0.00	54.34					* Copied from legacy *

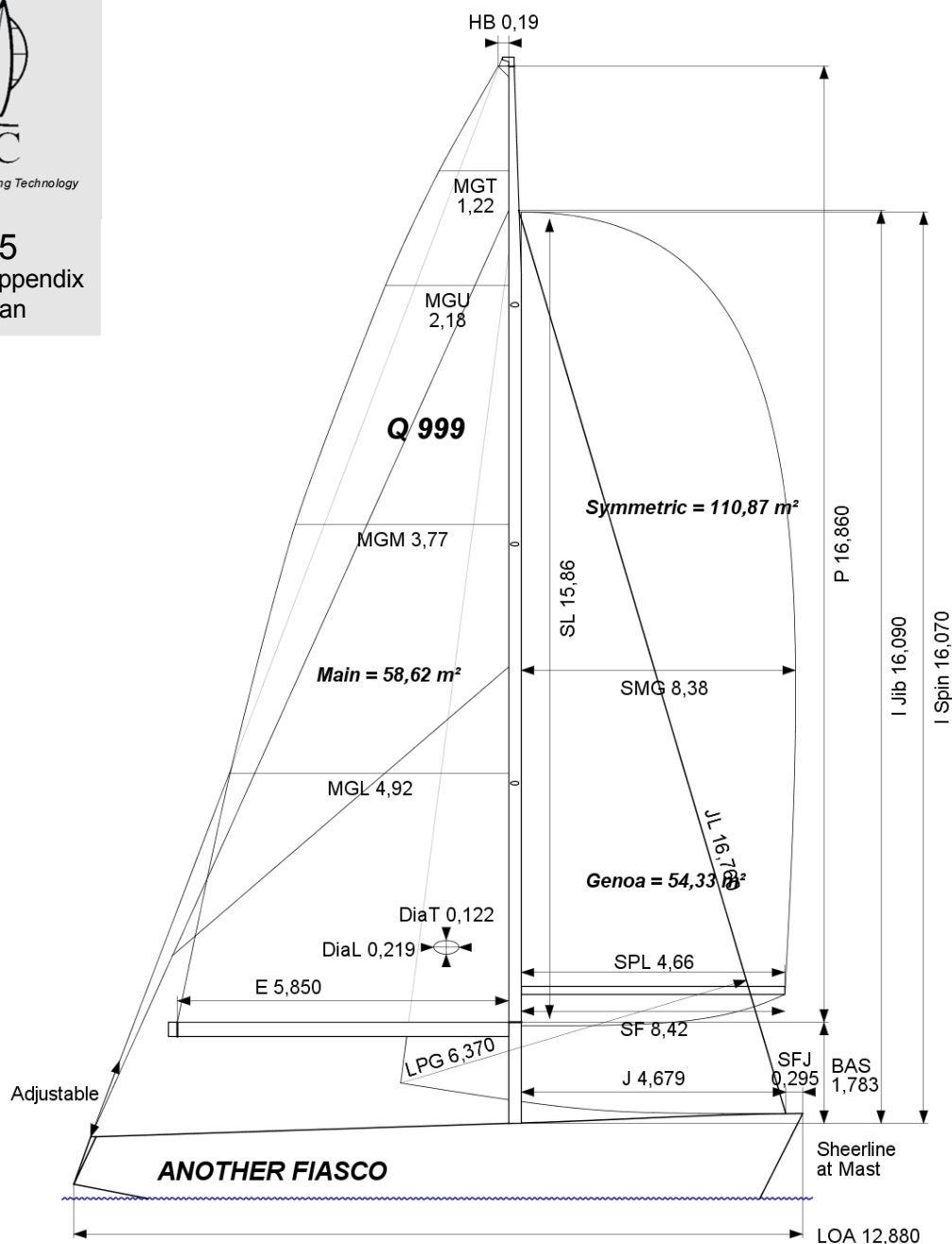
<b>MEASUREMENT INVENTORY</b>				
Measurer <b>D Richards 4005</b>				
Date <b>11/12/2009</b>				
Comment				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
2	Anchor	22.0	7.20	Danforth
4	Anchor	38.0	7.20	Non-patent-stock
4	Tools	6.0	6.90	Tools
<i>Id</i>	<i>Item</i>	<i>Maker</i>	<i>Model</i>	
1	Engine	Yanmar	38hp	
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Description</i>	
4	Deck-Gear	45.0	Deck-gear	

<b>MEASUREMENT INVENTORY</b>							
<i>Id</i>	<i>Item</i>	<i>Tank Use</i>	<i>Tank Type</i>	<i>Capcty</i>	<i>Dist.</i>	<i>VCG</i>	<i>Condtn Description</i>
3	Tank	Fuel	Alloy	120.0	8.70		0-0 Empty
2	Tank	Water	Rubber	100.0	6.75		0-0 Empty
1	Tank	Water	Rubber	100.0	6.75		0-0 Empty
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG</i>	<i>Description</i>		
4	Ballast	750.0	7.28		Lead		
3	Ballast	100.0	5.43		Lead		
2	Ballast	200.0	6.50		Lead		
1	Ballast	370.0	6.00		Lead		
1	Battery	39.0	7.10		3x marine		
1	Misc	7.0	8.70		Gas bottle		



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2015  
Certificate Appendix  
Sail Plan



SAILS INVENTORY																
MAINSAIL																
Id	HB	MGT	MGU	MGM	MGL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ORC	0.188	1.22	2.18	3.77	4.92	58.62					* Copied from legacy					
HEADSAILS																
Id	JH	JGT	JGU	JGM	JGL	LPG	JL	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
ORC						6.37	0.00	136%	54.34							* Copied from legacy *
SYMMETRIC SPINNAKERS																
Id	SL	SMG	SF	Area	Measurer	Meas.Date	Manufacture	Material	Comment							
ORC	15.86	8.38	0.00	110.87					* Copied from legacy *							
ASYMMETRIC SPINNAKERS																
Id	SLU	SLE	ASL	AMG	ASF	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				