

<b>BOAT</b> Name <b>JUST THE JOB</b> Sail Nr <b>GBR-7897R</b>	<b>GPH</b> <b>655,2</b>	<b>HULL</b> Length Overall <b>9,598m</b> Maximum Beam <b>3,348m</b> Displacement <b>3.839kg</b> Draft <b>1,914m</b> IMS Reg. Division <b>Cruiser/Racer</b> Dynamic Allowance <b>0,215%</b> Fwd Accommodation <b>Yes</b> Hull Construction <b>Solid</b> Carbon Rudder <b>No</b> Crew Arm Extension
<b>GENERAL</b> Class <b>J 97 E</b> Designer <b>JOHNSTONE</b> Builder <b>J-YACHTS</b> Series <b>06/2009</b> Age <b>06/2015</b> Age Allowance <b>0,260%</b> Offset File <b>J-97.OFF - 04/11/2009 11:16:38</b> Measurement by <b>Tacha Montaner - 29/06/2015</b>		IMSL <b>8,586m</b> VCGD <b>0,060m</b> Sink <b>14,84kg/mm</b> RL <b>7,620m</b> VCGM <b>0,045m</b> WS <b>19,90m<sup>2</sup></b> LSM0 <b>8,380m</b> Displacement/Length ratio <b>6,5236</b>



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**2017**  
ORC International  
Certificate

**Rating Office**  
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SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Time On Distance	<b>636,9</b>			<b>715,5</b>	
Time On Time	<b>0,9420</b>			<b>0,9434</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>750,6</b>	<b>580,3</b>	<b>518,0</b>	<b>973,5</b>	<b>720,2</b>	<b>626,9</b>
Time on Time	<b>0,8993</b>	<b>1,1631</b>	<b>1,3032</b>	<b>0,6934</b>	<b>0,9373</b>	<b>1,0768</b>

TIME ALLOWANCES	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1146,9</b>	<b>947,1</b>	<b>835,7</b>	<b>765,0</b>	<b>736,7</b>	<b>724,7</b>	<b>716,7</b>
52°	<b>748,0</b>	<b>624,5</b>	<b>560,0</b>	<b>531,1</b>	<b>518,5</b>	<b>513,4</b>	<b>510,6</b>
60°	<b>703,9</b>	<b>590,8</b>	<b>540,8</b>	<b>517,4</b>	<b>503,7</b>	<b>496,9</b>	<b>492,6</b>
75°	<b>668,5</b>	<b>567,0</b>	<b>526,7</b>	<b>505,5</b>	<b>487,6</b>	<b>473,0</b>	<b>460,0</b>
90°	<b>649,3</b>	<b>544,5</b>	<b>508,3</b>	<b>495,8</b>	<b>484,4</b>	<b>466,4</b>	<b>436,7</b>
110°	<b>641,0</b>	<b>538,7</b>	<b>501,9</b>	<b>473,4</b>	<b>454,2</b>	<b>441,9</b>	<b>421,5</b>
120°	<b>661,8</b>	<b>549,4</b>	<b>508,5</b>	<b>479,7</b>	<b>450,9</b>	<b>426,4</b>	<b>400,8</b>
135°	<b>737,4</b>	<b>596,4</b>	<b>529,3</b>	<b>498,9</b>	<b>471,7</b>	<b>445,2</b>	<b>394,3</b>
150°	<b>866,9</b>	<b>691,6</b>	<b>587,2</b>	<b>536,0</b>	<b>511,2</b>	<b>491,8</b>	<b>447,5</b>
Run VMG	<b>1001,0</b>	<b>798,6</b>	<b>678,0</b>	<b>618,8</b>	<b>579,4</b>	<b>535,4</b>	<b>489,0</b>

Selected Courses	1074,0	872,9	756,9	691,9	658,1	630,0	602,9
Windward / Leeward	<b>1074,0</b>	<b>872,9</b>	<b>756,9</b>	<b>691,9</b>	<b>658,1</b>	<b>630,0</b>	<b>602,9</b>
Circular Random	<b>902,2</b>	<b>728,4</b>	<b>635,6</b>	<b>582,1</b>	<b>549,3</b>	<b>527,7</b>	<b>500,1</b>
Ocean for PCS	<b>1104,0</b>	<b>854,0</b>	<b>713,2</b>	<b>627,1</b>	<b>571,0</b>	<b>531,7</b>	<b>477,0</b>
Non Spinnaker	<b>984,4</b>	<b>785,3</b>	<b>676,3</b>	<b>611,7</b>	<b>571,6</b>	<b>545,5</b>	<b>514,1</b>

Velocity Prediction in Knots for True Wind Speeds	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	<b>43,1°</b>	<b>41,9°</b>	<b>41,8°</b>	<b>40,2°</b>	<b>39,3°</b>	<b>39,0°</b>	<b>38,7°</b>
Beat VMG	<b>3,14</b>	<b>3,80</b>	<b>4,31</b>	<b>4,71</b>	<b>4,89</b>	<b>4,97</b>	<b>5,02</b>
52°	<b>4,81</b>	<b>5,76</b>	<b>6,43</b>	<b>6,78</b>	<b>6,94</b>	<b>7,01</b>	<b>7,05</b>
60°	<b>5,11</b>	<b>6,09</b>	<b>6,66</b>	<b>6,96</b>	<b>7,15</b>	<b>7,24</b>	<b>7,31</b>
75°	<b>5,39</b>	<b>6,35</b>	<b>6,83</b>	<b>7,12</b>	<b>7,38</b>	<b>7,61</b>	<b>7,83</b>
90°	<b>5,54</b>	<b>6,61</b>	<b>7,08</b>	<b>7,26</b>	<b>7,43</b>	<b>7,72</b>	<b>8,24</b>
110°	<b>5,62</b>	<b>6,68</b>	<b>7,17</b>	<b>7,60</b>	<b>7,93</b>	<b>8,15</b>	<b>8,54</b>
120°	<b>5,44</b>	<b>6,55</b>	<b>7,08</b>	<b>7,50</b>	<b>7,98</b>	<b>8,44</b>	<b>8,98</b>
135°	<b>4,88</b>	<b>6,04</b>	<b>6,80</b>	<b>7,22</b>	<b>7,63</b>	<b>8,09</b>	<b>9,13</b>
150°	<b>4,15</b>	<b>5,21</b>	<b>6,13</b>	<b>6,72</b>	<b>7,04</b>	<b>7,32</b>	<b>8,05</b>
Run VMG	<b>3,60</b>	<b>4,51</b>	<b>5,31</b>	<b>5,82</b>	<b>6,21</b>	<b>6,72</b>	<b>7,36</b>
Gybe Angles	<b>145,5°</b>	<b>147,7°</b>	<b>148,0°</b>	<b>150,0°</b>	<b>174,1°</b>	<b>176,8°</b>	<b>177,6°</b>

**Certificate**  
Number **789702**  
ORC Ref **ESP00022424**  
Issued On **26/04/2017**  
VPP Ver. **2017 1.00**  
Valid until **31/12/2017**

**Crew Weight**  
Declared **600kg**  
Default\* **535kg**  
Non Manual Pwr **No**

**Special Scoring**  
ToD ToT  
Double H.GPH **660,2 0,9088**  
Double H.OSN **644,0 0,9316**  
Non Spin GPH **698,5 0,8590**  
Non Spin OSN **674,5 0,8896**

**Sails Limitations**  
Headsails **5** | Spinnakers **3**

**Class Division Length**  
CDL = **8,103**

**Storm Sails Areas**  
Heavy Weather Jib **21,91**  
Storm Jib (JL=8,28) **8,12**  
Storm Trysail **8,18**

**Owner**

<b>BOAT</b>	
Name <b>JUST THE JOB</b>	Sail Nr <b>GBR-7897R</b>
File <b>GBR7897R</b>	Data in <b>meters/kilograms</b>

<b>INCLINING TEST AND FREEBOARDS</b>		
Inclining Test <b>Current Inclining</b>		
Flotation date <b>29/06/2015</b>		SG <b>1,0250</b>
FFM <b>1,254</b>	FF <b>1,254</b>	SFFP <b>0,600</b>
FAM <b>0,941</b>	FA <b>0,942</b>	SAFP <b>9,303</b>
W1 <b>49,5</b>	PD1 <b>519,9</b>	WD <b>10,240</b>
W2 <b>49,5</b>	PD2 <b>521,6</b>	GSA <b>1,0</b>
W3 <b>49,5</b>	PD3 <b>519,7</b>	RSA <b>1,0</b>
W4 <b>49,5</b>	PD4 <b>518,3</b>	PLM <b>9000,0</b>
LCF from stem on CL / on sheer		<b>5,183 / 5,409</b>
Maximum beam station from stem		<b>5,865</b>
RM Measured		<b>76,8kg·m</b>
RM Default		<b>79,2kg·m</b>
Limit of positive stability / Stab.Index		<b>117,5° / 114,4</b>
Freeboard at mast at 3,670		<b>1,097</b>

<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>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>11,990</b>	E <b>3,900</b>	MDT1 <b>0,110</b>	MW <b>0,180</b>	
IG <b>12,597</b>	J <b>3,570</b>	MDL1 <b>0,180</b>	GO <b>0,220</b>	
ISP <b>13,597</b>	SFJ <b>0,100</b>	MDT2 <b>0,110</b>	BD <b>0,120</b>	
BAS <b>1,507</b>	SPL <b>0,000</b>	MDL2 <b>0,100</b>	MWT	
FSP <b>0,068</b>	TPS <b>4,950</b>	TL <b>0,850</b>	MCG	



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**IMS Measurement Certificate**

**Certificate**

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 VPP Ver. **2017 1.00**  
 Valid until **31/12/2017**

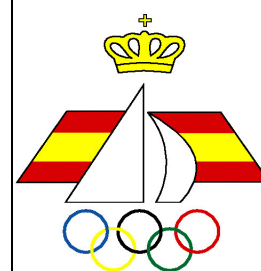
<b>MIZZEN RIG AND SAILS</b>	
N/A	

<b>PROPELLER</b>		
Installation <b>Strut</b>	PRD <b>0,300</b>	
Type <b>Folding 2 blades</b>	PBW	
Twin Screw	PIPA <b>0,0038</b>	
ST1 <b>0,065</b>	ST3 <b>0,180</b>	ST5 <b>0,355</b>
ST2 <b>0,180</b>	ST4 <b>0,110</b>	EDL <b>1,670</b>

<b>COMMENTS</b>	
OFFSET VALIDO.	

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

<b>CENTERBOARD</b>	
N/A	



<b>SAILS (Maximum Areas)</b>									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0,155	0,83	1,46	2,49	3,26	27,72	28,20	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric Not Available									
Asymmetric	SLU	SLE	SL	SHW	SFL	90,78	AS · (SFL + 4·SHW) / 6		
	15,35	12,18	13,77	7,98	7,65				

<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
0,09	0,58	1,09	2,02	2,97	3,84	12,41	24,84	Y		18/09/2015	Unknow	
0,09	0,57	1,07	2,01	2,94	3,83	12,37	24,57	Y		18/09/2015	Unknow	

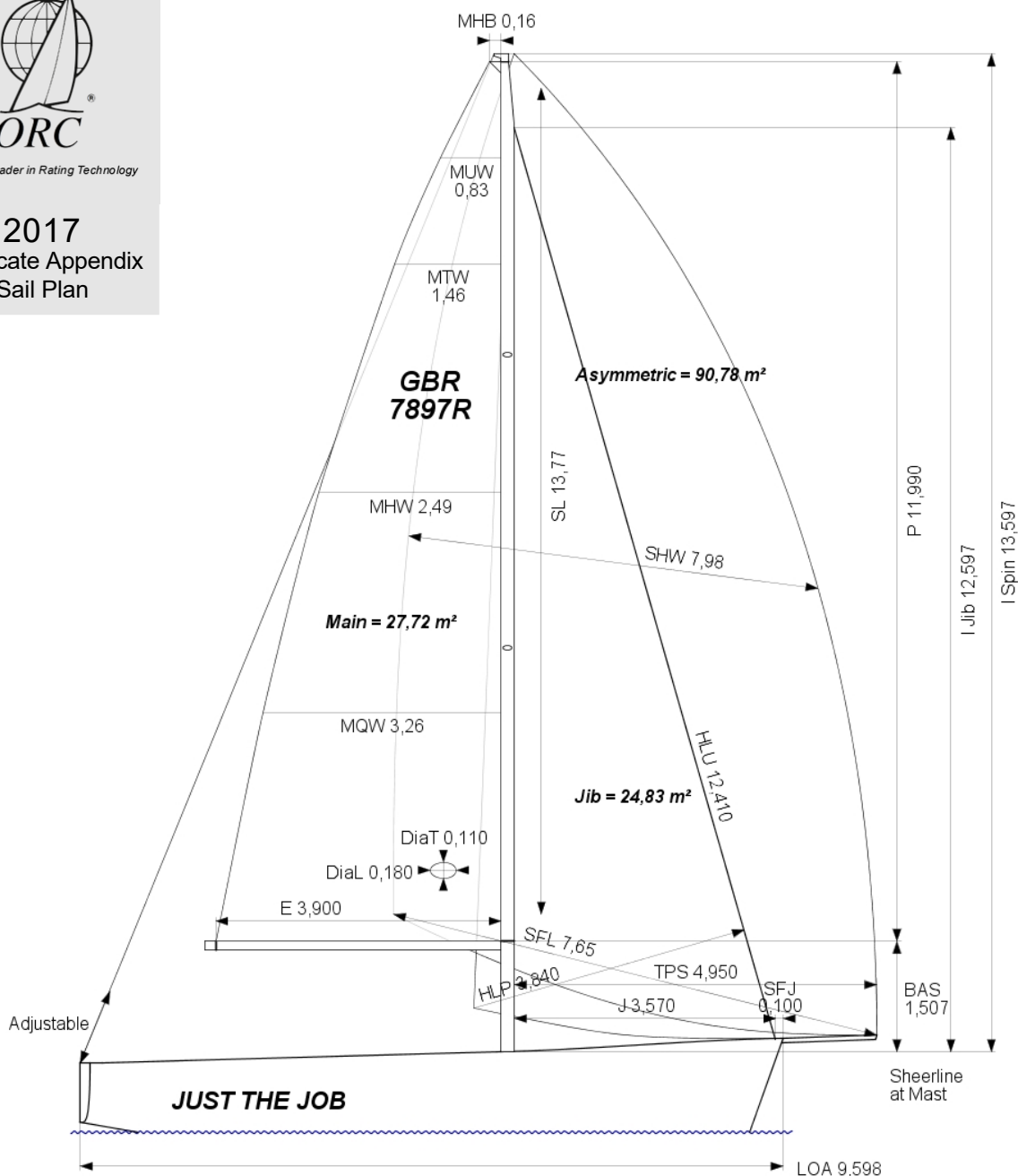
<b>MEASUREMENT INVENTORY</b>				
Measurer <b>Tacha Montaner ESP-222</b>				
Date <b>29/06/2015</b>				
Comment				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Description</i>	

<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</i>	<i>Description</i>
1	Tank Fuel		inox		6,15	0,00	5,0	
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>				



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Sail Plan



**SAILS INVENTORY**

**MAINSAIL (1)**

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
M1	0,155	0,83	1,46	2,49	3,26	27,72	North	11/06/2015		Unknown	

**HEADSAILS (2)**

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
L	0,09	0,58	1,09	2,02	2,97	3,84	12,41	108%	24,84	Y		North	18/09/2015		Unknown	
M	0,09	0,57	1,07	2,01	2,94	3,83	12,37	107%	24,57	Y			18/09/2015		Unknown	

**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
A2	15,35	12,18	13,77	7,98	7,65	90,78	asym	E222	20/04/2017		Unknown	13071502