

<b>BOAT</b> Name <b>JUST THE JOB</b> Sail Nr <b>GBR-7897R</b>	<b>GPH</b> <b>651,2</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>0,212%</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>0,292%</b> Offset File <b>J-97.OFF - 04/11/2009 10:16:38</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>7,863m</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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**2018**  
ORC International  
Certificate

**Rating Office**  
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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	<b>632,4</b>			<b>709,2</b>		
Time on Time	<b>0,9488</b>			<b>0,9518</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>744,0</b>	<b>576,7</b>	<b>519,4</b>	<b>959,8</b>	<b>711,2</b>	<b>627,0</b>
Time on Time	<b>0,9072</b>	<b>1,1705</b>	<b>1,2996</b>	<b>0,7033</b>	<b>0,9491</b>	<b>1,0765</b>

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1129,1</b>	<b>931,5</b>	<b>815,3</b>	<b>753,0</b>	<b>732,7</b>	<b>726,2</b>	<b>723,7</b>
52°	<b>745,1</b>	<b>622,7</b>	<b>557,7</b>	<b>531,7</b>	<b>520,9</b>	<b>517,1</b>	<b>516,7</b>
60°	<b>707,5</b>	<b>594,0</b>	<b>542,1</b>	<b>519,6</b>	<b>507,6</b>	<b>502,2</b>	<b>500,0</b>
75°	<b>679,7</b>	<b>573,7</b>	<b>531,3</b>	<b>509,0</b>	<b>492,9</b>	<b>480,5</b>	<b>469,8</b>
90°	<b>647,8</b>	<b>544,4</b>	<b>511,0</b>	<b>497,9</b>	<b>487,7</b>	<b>470,8</b>	<b>444,7</b>
110°	<b>637,1</b>	<b>536,4</b>	<b>500,1</b>	<b>474,1</b>	<b>454,7</b>	<b>442,2</b>	<b>422,0</b>
120°	<b>655,5</b>	<b>546,1</b>	<b>505,7</b>	<b>476,2</b>	<b>449,2</b>	<b>426,5</b>	<b>399,8</b>
135°	<b>728,8</b>	<b>589,8</b>	<b>526,1</b>	<b>495,7</b>	<b>467,7</b>	<b>441,1</b>	<b>389,9</b>
150°	<b>856,2</b>	<b>684,1</b>	<b>581,5</b>	<b>532,4</b>	<b>508,4</b>	<b>488,8</b>	<b>443,7</b>
Run VMG	<b>988,6</b>	<b>789,9</b>	<b>671,5</b>	<b>614,6</b>	<b>577,2</b>	<b>533,8</b>	<b>487,2</b>

**Certificate**  
Number **789701**  
ORC Ref **ESP00026957**  
Issued On **09/01/2018**  
VPP Ver. **2018 1.00**  
Valid until **31/12/2018**

**Crew Weight**  
Default 535kg  
Maximum **600kg**  
Minimum\* **450kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>656,4</b>	<b>0,9141</b>
Double H.OSN	<b>640,2</b>	<b>0,9373</b>
Non Spin GPH	<b>697,2</b>	<b>0,8606</b>
Non Spin OSN	<b>672,1</b>	<b>0,8928</b>

Selected Courses							
Windward / Leeward	<b>1058,9</b>	<b>860,7</b>	<b>743,4</b>	<b>683,8</b>	<b>655,0</b>	<b>630,0</b>	<b>605,4</b>
Circular Random	<b>894,4</b>	<b>722,7</b>	<b>631,6</b>	<b>579,7</b>	<b>548,5</b>	<b>528,4</b>	<b>503,0</b>
Coastal / Long Distance	<b>1051,8</b>	<b>807,0</b>	<b>671,3</b>	<b>597,1</b>	<b>560,0</b>	<b>528,3</b>	<b>479,3</b>
Non Spinnaker	<b>982,2</b>	<b>783,4</b>	<b>674,9</b>	<b>611,1</b>	<b>572,1</b>	<b>547,3</b>	<b>518,0</b>

**Sails Limitations**

Headsails	5	Spinnakers	3
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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>42,4°</b>	<b>41,1°</b>	<b>40,8°</b>	<b>38,9°</b>	<b>38,5°</b>	<b>38,5°</b>	<b>38,9°</b>
Beat VMG	<b>3,19</b>	<b>3,86</b>	<b>4,42</b>	<b>4,78</b>	<b>4,91</b>	<b>4,96</b>	<b>4,97</b>
52°	<b>4,83</b>	<b>5,78</b>	<b>6,46</b>	<b>6,77</b>	<b>6,91</b>	<b>6,96</b>	<b>6,97</b>
60°	<b>5,09</b>	<b>6,06</b>	<b>6,64</b>	<b>6,93</b>	<b>7,09</b>	<b>7,17</b>	<b>7,20</b>
75°	<b>5,30</b>	<b>6,28</b>	<b>6,78</b>	<b>7,07</b>	<b>7,30</b>	<b>7,49</b>	<b>7,66</b>
90°	<b>5,56</b>	<b>6,61</b>	<b>7,05</b>	<b>7,23</b>	<b>7,38</b>	<b>7,65</b>	<b>8,10</b>
110°	<b>5,65</b>	<b>6,71</b>	<b>7,20</b>	<b>7,59</b>	<b>7,92</b>	<b>8,14</b>	<b>8,53</b>
120°	<b>5,49</b>	<b>6,59</b>	<b>7,12</b>	<b>7,56</b>	<b>8,01</b>	<b>8,44</b>	<b>9,00</b>
135°	<b>4,94</b>	<b>6,10</b>	<b>6,84</b>	<b>7,26</b>	<b>7,70</b>	<b>8,16</b>	<b>9,23</b>
150°	<b>4,20</b>	<b>5,26</b>	<b>6,19</b>	<b>6,76</b>	<b>7,08</b>	<b>7,36</b>	<b>8,11</b>
Run VMG	<b>3,64</b>	<b>4,56</b>	<b>5,36</b>	<b>5,86</b>	<b>6,24</b>	<b>6,74</b>	<b>7,39</b>
Gybe Angles	<b>145,4°</b>	<b>147,9°</b>	<b>148,3°</b>	<b>150,2°</b>	<b>174,2°</b>	<b>176,8°</b>	<b>177,5°</b>

**Class Division Length**  
CDL = **8,225**

**Storm Sails Areas**

Heavy Weather Jib	<b>21,91</b>
Storm Jib (JL=8,28)	<b>8,12</b>
Storm Triesail	<b>8,18</b>

**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>	



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**IMS Measurement Certificate**

<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

**Certificate**

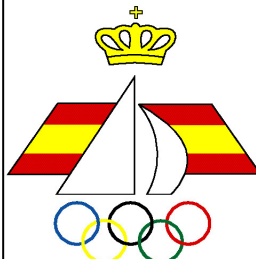
Number **789701**

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

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

<b>CENTERBOARD</b>	
<b>N/A</b>	

<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	Area	Formula		
	15,35	12,18	13,77	7,98	7,65	90,78	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)												
<b>HHB</b>	<b>HUW</b>	<b>HTW</b>	<b>HHW</b>	<b>HQW</b>	<b>HLP</b>	<b>HLU</b>	<b>Area</b>	<b>Btn</b>	<b>Fly</b>	<b>Meas.Date</b>	<b>Material</b>	<b>Comment</b>
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	

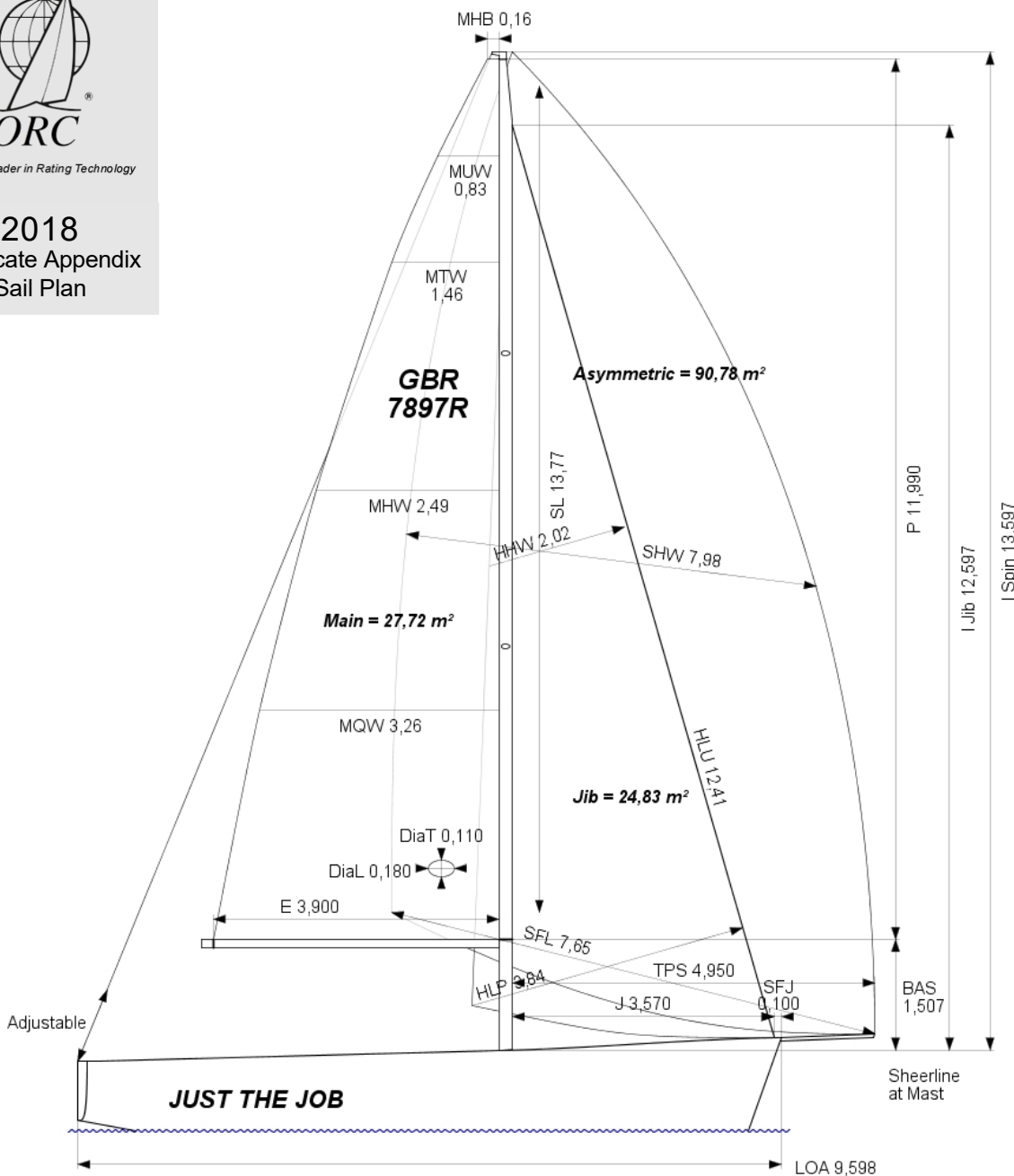
<b>MEASUREMENT INVENTORY</b>				
Measurer <b>Tacha Montaner ESP 222</b>				
Date <b>29/06/2015</b>				
Comment				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
<i>Id</i>	<i>Item</i>	<i>Weight Description</i>		

<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