

<b>BOAT</b> Name <b>GOLD DIGGER</b> Sail Nr <b>ITA-25305</b>	<b>GPH</b> <b>677.8</b>	<b>HULL</b> Length Overall <b>7.512m</b> Maximum Beam <b>2.554m</b> Displacement <b>1,330kg</b> Draft <b>1.892m</b> Plan Review IMS Reg. Division <b>Sportboat</b> Dynamic Allowance <b>0.000%</b> Hull Construction <b>Cored</b> Carbon Rudder <b>No</b> Crew Arm Extension IMSL <b>7.035m</b> VCGD <b>-0.137m</b> Sink <b>7.72kg/mm</b> RL <b>6.673m</b> VCGM <b>-0.167m</b> WS <b>10.71m<sup>2</sup></b> LSM0 <b>6.789m</b> Displacement/Length ratio <b>4.2504</b>
<b>GENERAL</b> Class <b>PLATU 25 MOD</b> Designer <b>FARR</b> Builder <b>BENETEAU</b> Series <b>01/1997</b> Age <b>01/1997</b> Age Allowance <b>0.487%</b> Offset File <b>I25305.off - 30/05/2018 18:24:28</b> Measurement by - <b>22/05/2016</b>		



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<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>662.4</b>			<b>738.7</b>		
Time on Time	<b>0.9058</b>			<b>0.9138</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>747.4</b>	<b>610.3</b>	<b>551.6</b>	<b>953.8</b>	<b>740.5</b>	<b>667.4</b>
Time on Time	<b>0.9031</b>	<b>1.1060</b>	<b>1.2238</b>	<b>0.7077</b>	<b>0.9115</b>	<b>1.0114</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1071.2</b>	<b>904.8</b>	<b>834.4</b>	<b>817.4</b>	<b>814.9</b>	<b>807.0</b>	<b>816.9</b>
52°	<b>714.5</b>	<b>622.5</b>	<b>592.8</b>	<b>583.2</b>	<b>579.4</b>	<b>577.6</b>	<b>572.8</b>
60°	<b>679.5</b>	<b>605.8</b>	<b>579.1</b>	<b>566.4</b>	<b>560.8</b>	<b>558.5</b>	<b>550.3</b>
75°	<b>654.0</b>	<b>593.5</b>	<b>565.4</b>	<b>544.3</b>	<b>528.9</b>	<b>521.3</b>	<b>515.6</b>
90°	<b>659.1</b>	<b>586.9</b>	<b>561.9</b>	<b>534.6</b>	<b>509.1</b>	<b>489.7</b>	<b>471.6</b>
110°	<b>651.5</b>	<b>577.3</b>	<b>539.0</b>	<b>510.4</b>	<b>490.5</b>	<b>472.5</b>	<b>439.4</b>
120°	<b>670.8</b>	<b>583.7</b>	<b>542.5</b>	<b>501.4</b>	<b>468.6</b>	<b>448.5</b>	<b>411.2</b>
135°	<b>743.1</b>	<b>615.4</b>	<b>566.6</b>	<b>526.5</b>	<b>484.9</b>	<b>443.0</b>	<b>365.5</b>
150°	<b>885.8</b>	<b>706.9</b>	<b>608.7</b>	<b>564.1</b>	<b>527.0</b>	<b>488.9</b>	<b>410.3</b>
Run VMG	<b>1022.8</b>	<b>816.3</b>	<b>696.9</b>	<b>622.0</b>	<b>574.4</b>	<b>539.7</b>	<b>469.5</b>

**Certificate**  
Number **01365**  
ORC Ref **03420000NKE**  
Issued On **02/08/2020**  
VPP Ver. **2020 1.02**  
Valid until **28/02/2021**

**Crew Weight**  
Default **396kg**  
Maximum **300kg**  
Minimum\* **215kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

ToD	ToT
Non Spin GPH <b>711.8</b>	<b>0.8429</b>
Non Spin OSN <b>693.7</b>	<b>0.8650</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1047.0</b>	<b>860.6</b>	<b>765.7</b>	<b>719.7</b>	<b>694.7</b>	<b>673.4</b>	<b>643.2</b>
Circular Random	<b>906.0</b>	<b>743.8</b>	<b>659.6</b>	<b>611.8</b>	<b>581.9</b>	<b>560.8</b>	<b>529.9</b>
Coastal / Long Distance	<b>1044.6</b>	<b>812.6</b>	<b>698.9</b>	<b>636.8</b>	<b>598.4</b>	<b>563.6</b>	<b>504.4</b>
Non Spinnaker	<b>968.4</b>	<b>787.0</b>	<b>691.3</b>	<b>636.6</b>	<b>602.8</b>	<b>579.9</b>	<b>548.3</b>

**Sails Limitations**

Headsails	Spinnakers
<b>5</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>41.3°</b>	<b>40.1°</b>	<b>38.3°</b>	<b>37.9°</b>	<b>38.1°</b>	<b>37.9°</b>	<b>39.7°</b>
Beat VMG	<b>3.36</b>	<b>3.98</b>	<b>4.31</b>	<b>4.40</b>	<b>4.42</b>	<b>4.46</b>	<b>4.41</b>
52°	<b>5.04</b>	<b>5.78</b>	<b>6.07</b>	<b>6.17</b>	<b>6.21</b>	<b>6.23</b>	<b>6.28</b>
60°	<b>5.30</b>	<b>5.94</b>	<b>6.22</b>	<b>6.36</b>	<b>6.42</b>	<b>6.45</b>	<b>6.54</b>
75°	<b>5.50</b>	<b>6.07</b>	<b>6.37</b>	<b>6.61</b>	<b>6.81</b>	<b>6.91</b>	<b>6.98</b>
90°	<b>5.46</b>	<b>6.13</b>	<b>6.41</b>	<b>6.73</b>	<b>7.07</b>	<b>7.35</b>	<b>7.63</b>
110°	<b>5.53</b>	<b>6.24</b>	<b>6.68</b>	<b>7.05</b>	<b>7.34</b>	<b>7.62</b>	<b>8.19</b>
120°	<b>5.37</b>	<b>6.17</b>	<b>6.64</b>	<b>7.18</b>	<b>7.68</b>	<b>8.03</b>	<b>8.75</b>
135°	<b>4.84</b>	<b>5.85</b>	<b>6.35</b>	<b>6.84</b>	<b>7.42</b>	<b>8.13</b>	<b>9.85</b>
150°	<b>4.06</b>	<b>5.09</b>	<b>5.91</b>	<b>6.38</b>	<b>6.83</b>	<b>7.36</b>	<b>8.77</b>
Run VMG	<b>3.52</b>	<b>4.41</b>	<b>5.17</b>	<b>5.79</b>	<b>6.27</b>	<b>6.67</b>	<b>7.67</b>
Gybe Angles	<b>145.5°</b>	<b>149.0°</b>	<b>155.5°</b>	<b>174.0°</b>	<b>180.0°</b>	<b>180.0°</b>	<b>180.0°</b>

**Class Division Length**  
CDL = **6.850**

**Storm Sails Areas**

Heavy Weather Jib	<b>11.44</b>
Storm Jib (JL=5.99)	<b>4.24</b>
Storm Trysail	<b>6.01</b>

**Owner**

<b>BOAT</b>	
Name <b>GOLD DIGGER</b>	Sail Nr <b>ITA-25305</b>
File <b>I25305</b>	Data in <b>meters/kilograms</b>
<b>RIG</b>	
Forestay Tension <b>Aft</b>	Spreaders <b>2</b>
Inner Stay <b>None Fitted</b>	Runners/Checkstays <b>0</b>
Carbon Mast <b>No</b>	Jib Furler <b>No</b>
Fiber Rigging <b>No</b>	Main Furler <b>No</b>
Non-Circular Rigging <b>No</b>	
Articulated Bowsprit <b>No</b>	
P <b>9.395</b>	E <b>3.650</b> MDT1 <b>0.082</b> MW <b>0.120</b>
IG <b>9.105</b>	J <b>2.615</b> MDL1 <b>0.120</b> GO <b>0.148</b>
ISP <b>9.665</b>	SFJ <b>0.066</b> MDT2 <b>0.066</b> BD <b>0.120</b>
BAS <b>1.185</b>	SPL <b>3.000</b> MDL2 <b>0.084</b> MWT <b>43.70</b>
FSD	TPS TL <b>1.310</b> MCG <b>3.570</b>

<b>INCLINING TEST AND FREEBOARDS</b>			
Inclining Test <b>Current Inclining</b>			
Flotation date <b>14/03/2017</b>		SG <b>1.0250</b>	
FFM <b>0.868</b>	FF <b>0.868</b>	SFFP <b>0.120</b>	
FAM <b>0.694</b>	FA <b>0.694</b>	SAFP <b>7.313</b>	
W1 <b>18.1</b>	PD1 <b>551.2</b>	WD <b>8.050</b>	
W2 <b>18.1</b>	PD2 <b>549.9</b>	GSA <b>1.0</b>	
W3 <b>18.1</b>	PD3 <b>549.9</b>	RSA <b>1.0</b>	
W4 <b>18.1</b>	PD4 <b>551.1</b>	PLM <b>9000.0</b>	
LCF from stem on CL / on sheer		<b>4.154 / 4.321</b>	
Maximum beam station from stem		<b>4.700</b>	
RM Measured		<b>20.8kg-m</b>	
RM Default		<b>23.1kg-m</b>	
Limit of positive stability / Stab.Index		<b>125.3° / 117.5</b>	
Freeboard at mast at 2.615		<b>0.804</b>	



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

<b>PROPELLER</b>	
Type <b>No Propeller</b>	

<b>Certificate</b>	
Number <b>01365</b>	
ORC Ref <b>03420000NKE</b>	
Issued On <b>02/08/2020</b>	
VPP Ver. <b>2020 1.02</b>	
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<b>COMMENTS</b>	
ex "BOOMERANG"	

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



<b>CENTERBOARD</b>	
N/A	

<b>SAILS (Maximum Areas)</b>									
<b>Mainsail</b>	<b>MHB</b>	<b>MUW</b>	<b>MTW</b>	<b>MHW</b>	<b>MQW</b>	<b>Area</b>	<b>Area (r)</b>	<b>Formula</b>	
	0.15	0.75	1.36	2.35	3.11	20.48	20.98	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
<b>Symmetric</b>	<b>SLU</b>	<b>SLE</b>	<b>SL</b>	<b>SHW</b>	<b>SFL</b>				
	9.49	9.49	9.49	5.62	5.57	44.37		SL · (SFL + 4·SHW) / 6	
<b>Asymmetric</b>									
Not Available									

<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>Flying</b>	<b>Meas.Date</b>	<b>Material</b>	<b>Comment</b>
0.07	0.39	0.76	1.47	2.13	2.71	9.21	13.14	N	No	05/05/2014	Polyest	
0.07	0.40	0.76	1.45	2.11	2.68	9.17	12.97	N	No	28/05/2013	Unknow	
0.07	0.38	0.75	1.43	2.07	2.70	8.67	12.14	N	No	05/05/2014	Polyest	

<b>MEASUREMENT INVENTORY</b>				
Measurer <b>136</b>				
Date <b>14/03/2017</b>				
Comment <b>CALMA DI V.MARE CALMO</b>				
Internal Ballast total = <b>0.0</b>				
<b>Id</b>	<b>Item</b>	<b>Weight</b>	<b>Distance</b>	<b>VCG Description</b>
<b>Id</b>	<b>Item</b>	<b>Maker</b>	<b>Model</b>	
A	Engine	HONDA 2.3	2.3 HP-	
<b>Id</b>	<b>Item</b>	<b>Weight Description</b>		

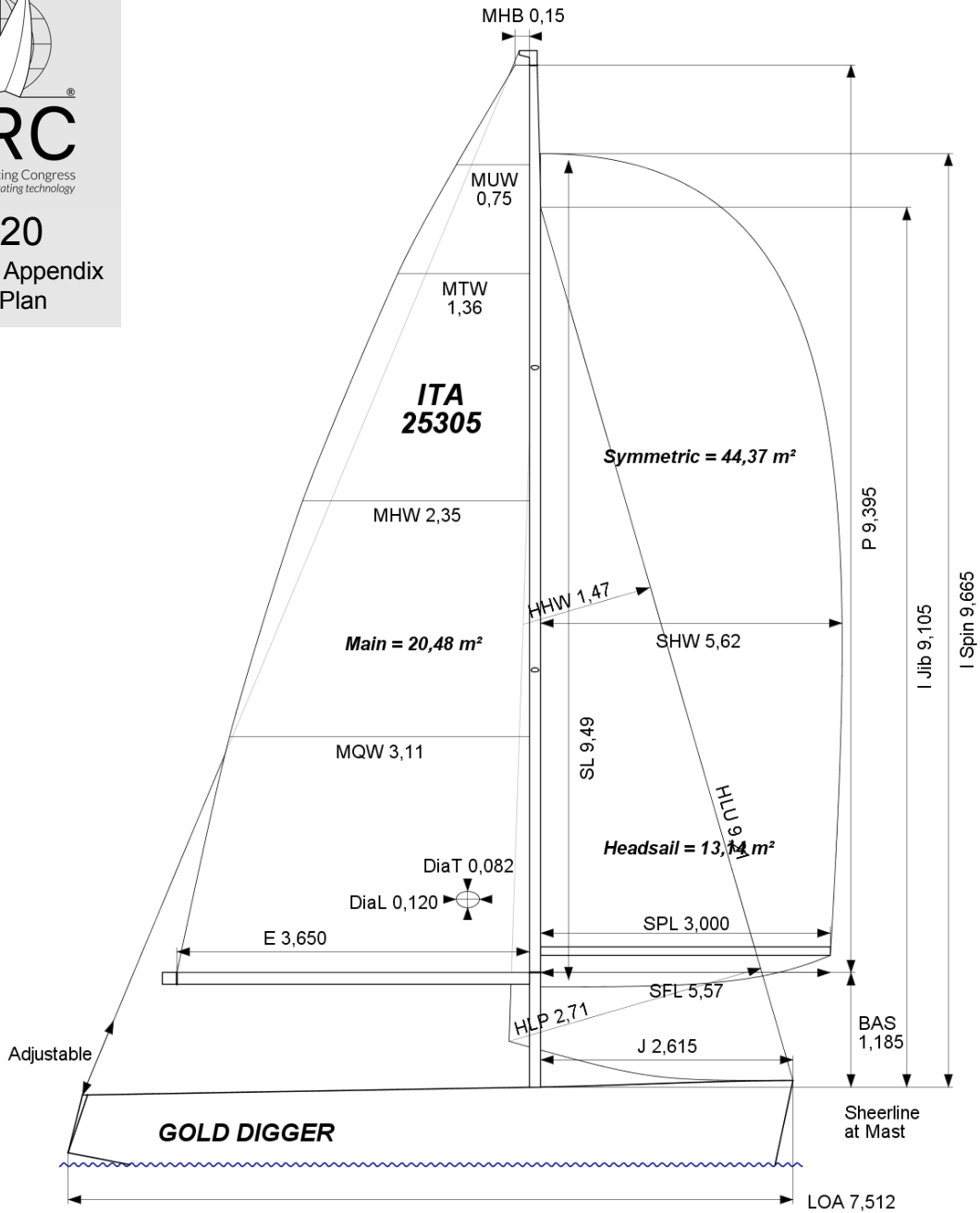
<b>MEASUREMENT INVENTORY</b>				
<b>Id</b>	<b>Item</b>	<b>Weight</b>	<b>Distance</b>	<b>VCG Description</b>
A	Misc	15.0	6.30	0.12 OUTB.MOTOR +FUEL TANK INTEGR.



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Sail Plan



**SAILS INVENTORY**

**MAINSAIL (1)**

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
B	0.15	0.75	1.36	2.35	3.11	20.48		05/05/2014	Montefusco	Polyester	

**HEADSAILS (3)**

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Flying	Measurer	Meas.Date	Manufacture	Material	Comment
B	0.07	0.39	0.76	1.47	2.13	2.71	9.21	104%	13.14	N	No		05/05/2014	Montefusco	Polyest	
A	0.07	0.40	0.76	1.45	2.11	2.68	9.17	102%	12.97	N	No		28/05/2013	BANKS	Unknow	
C	0.07	0.38	0.75	1.43	2.07	2.70	8.67	103%	12.14	N	No		05/05/2014	Montefusco	Polyest	

**SYMMETRIC SPINNAKERS (1)**

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
B	9.49	9.49	9.49	5.62	5.57	44.37		22/05/2016		Unknown	

**ASYMMETRIC SPINNAKERS (0)**

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
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