

<b>BOAT</b> Name <b>DRAC BLAU III</b> Sail Nr <b>ESP-10157</b>	<b>GPH</b> <b>790,3</b>	<b>HULL</b> Length Overall <b>8,180m</b> Maximum Beam <b>2,910m</b> Displacement <b>2.095kg</b> Draft <b>1,487m</b> IMS Reg. Division <b>Cruiser/Racer</b> Dynamic Allowance <b>0,351%</b> Fwd Accommodation <b>Yes</b> Hull Construction <b>Solid</b> Carbon Rudder <b>No</b> Crew Arm Extension
<b>GENERAL</b> Class <b>KAYTERET 770</b> Designer <b>J. COMPANY</b> Builder <b>J. COMPANY</b> Series <b>05/1977</b> Age <b>01/1981</b> Age Allowance <b>0,487%</b> Offset File <b>E206J.OFF - 29/01/1997 17:38:00</b> Measurement by <b>FRANCISCO GIL - 19/05/2016</b>		IMSL <b>6,554m</b> VCGD <b>0,144m</b> Sink <b>9,62kg/mm</b> RL <b>5,624m</b> VCGM <b>0,138m</b> WS <b>12,78m<sup>2</sup></b> LSM0 <b>6,426m</b> Displacement/Length ratio <b>7,8952</b>



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<b>SCORING OPTIONS</b>						
	<b>COASTAL / LONG DISTANCE</b>			<b>WINDWARD / LEEWARD</b>		
Time on Distance	<b>763,4</b>			<b>846,9</b>		
Time on Time	<b>0,7859</b>			<b>0,7970</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>920,0</b>	<b>696,0</b>	<b>616,6</b>	<b>1183,6</b>	<b>852,9</b>	<b>735,0</b>
Time on Time	<b>0,7337</b>	<b>0,9698</b>	<b>1,0948</b>	<b>0,5703</b>	<b>0,7914</b>	<b>0,9184</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1292,6</b>	<b>1087,2</b>	<b>966,3</b>	<b>890,4</b>	<b>859,1</b>	<b>853,6</b>	<b>875,7</b>
52°	<b>851,4</b>	<b>721,2</b>	<b>647,8</b>	<b>615,5</b>	<b>600,6</b>	<b>595,5</b>	<b>597,3</b>
60°	<b>807,6</b>	<b>684,5</b>	<b>625,9</b>	<b>599,5</b>	<b>584,5</b>	<b>576,4</b>	<b>575,0</b>
75°	<b>773,9</b>	<b>658,9</b>	<b>610,7</b>	<b>585,8</b>	<b>567,3</b>	<b>552,3</b>	<b>537,9</b>
90°	<b>780,6</b>	<b>661,5</b>	<b>609,4</b>	<b>582,3</b>	<b>558,1</b>	<b>537,0</b>	<b>512,9</b>
110°	<b>839,9</b>	<b>696,5</b>	<b>622,3</b>	<b>589,0</b>	<b>564,7</b>	<b>541,3</b>	<b>501,1</b>
120°	<b>891,7</b>	<b>737,0</b>	<b>642,9</b>	<b>599,7</b>	<b>573,6</b>	<b>550,1</b>	<b>507,0</b>
135°	<b>1006,7</b>	<b>811,6</b>	<b>695,1</b>	<b>626,1</b>	<b>592,1</b>	<b>568,0</b>	<b>523,3</b>
150°	<b>1157,8</b>	<b>904,4</b>	<b>765,7</b>	<b>671,0</b>	<b>616,5</b>	<b>586,9</b>	<b>541,4</b>
Run VMG	<b>1331,1</b>	<b>1023,6</b>	<b>852,1</b>	<b>740,9</b>	<b>661,1</b>	<b>613,7</b>	<b>563,5</b>

**Certificate**  
Number **101571**  
ORC Ref **ESP00027782**  
Issued On **12/02/2018**  
VPP Ver. **2018 1.00**  
Valid until **31/12/2018**

**Crew Weight**  
Default **366kg**  
Maximum **290kg**  
Minimum\* **205kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>791,3</b>	<b>0,7582</b>
Double H.OSN	<b>765,7</b>	<b>0,7836</b>
Non Spin GPH	<b>790,3</b>	<b>0,7592</b>
Non Spin OSN	<b>763,4</b>	<b>0,7859</b>

<b>Selected Courses</b>							
Windward / Leeward	<b>1311,8</b>	<b>1055,4</b>	<b>909,2</b>	<b>815,6</b>	<b>760,1</b>	<b>733,7</b>	<b>719,6</b>
Circular Random	<b>1099,8</b>	<b>883,4</b>	<b>765,9</b>	<b>697,1</b>	<b>655,3</b>	<b>629,4</b>	<b>601,0</b>
Coastal / Long Distance	<b>1313,7</b>	<b>993,7</b>	<b>821,7</b>	<b>717,0</b>	<b>662,3</b>	<b>626,0</b>	<b>571,1</b>
Non Spinnaker	<b>1099,8</b>	<b>883,4</b>	<b>765,9</b>	<b>697,1</b>	<b>655,3</b>	<b>629,4</b>	<b>601,0</b>

**Sails Limitations**

Headsails	Spinnakers
<b>1</b>	<b>0</b>

**Dacron Sails**

<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>42,7°</b>	<b>41,6°</b>	<b>42,1°</b>	<b>40,5°</b>	<b>40,2°</b>	<b>40,3°</b>	<b>42,4°</b>
Beat VMG	<b>2,79</b>	<b>3,31</b>	<b>3,73</b>	<b>4,04</b>	<b>4,19</b>	<b>4,22</b>	<b>4,11</b>
52°	<b>4,23</b>	<b>4,99</b>	<b>5,56</b>	<b>5,85</b>	<b>5,99</b>	<b>6,05</b>	<b>6,03</b>
60°	<b>4,46</b>	<b>5,26</b>	<b>5,75</b>	<b>6,00</b>	<b>6,16</b>	<b>6,25</b>	<b>6,26</b>
75°	<b>4,65</b>	<b>5,46</b>	<b>5,89</b>	<b>6,15</b>	<b>6,35</b>	<b>6,52</b>	<b>6,69</b>
90°	<b>4,61</b>	<b>5,44</b>	<b>5,91</b>	<b>6,18</b>	<b>6,45</b>	<b>6,70</b>	<b>7,02</b>
110°	<b>4,29</b>	<b>5,17</b>	<b>5,78</b>	<b>6,11</b>	<b>6,38</b>	<b>6,65</b>	<b>7,18</b>
120°	<b>4,04</b>	<b>4,88</b>	<b>5,60</b>	<b>6,00</b>	<b>6,28</b>	<b>6,54</b>	<b>7,10</b>
135°	<b>3,58</b>	<b>4,44</b>	<b>5,18</b>	<b>5,75</b>	<b>6,08</b>	<b>6,34</b>	<b>6,88</b>
150°	<b>3,11</b>	<b>3,98</b>	<b>4,70</b>	<b>5,37</b>	<b>5,84</b>	<b>6,13</b>	<b>6,65</b>
Run VMG	<b>2,70</b>	<b>3,52</b>	<b>4,22</b>	<b>4,86</b>	<b>5,45</b>	<b>5,87</b>	<b>6,39</b>
Gybe Angles	<b>157,2°</b>	<b>166,9°</b>	<b>172,0°</b>	<b>173,2°</b>	<b>175,9°</b>	<b>178,8°</b>	<b>179,2°</b>

**Class Division Length**  
CDL = **6,089**

**Storm Sails Areas**


Heavy Weather Jib	<b>13,61</b>
Storm Jib (JL=6,53)	<b>5,04</b>
Storm Triesail	<b>4,20</b>

**Owner**

<b>BOAT</b>	
Name <b>DRAC BLAU III</b>	Sail Nr <b>ESP-10157</b>
File <b>E10157</b>	Data in <b>meters/kilograms</b>

<b>INCLINING TEST AND FREEBOARDS</b>			
Inclining Test <b>Current Inclining</b>			
Flotation date <b>19/05/2016</b>		SG <b>1,0250</b>	
FFM <b>0,958</b>	FF <b>0,958</b>	SFFP <b>0,628</b>	
FAM <b>0,825</b>	FA <b>0,825</b>	SAFP <b>7,277</b>	
W1 <b>30,0</b>	PD1 <b>610,8</b>	WD <b>8,630</b>	
W2 <b>30,0</b>	PD2 <b>614,9</b>	GSA <b>1,0</b>	
W3 <b>30,0</b>	PD3 <b>621,3</b>	RSA <b>1,0</b>	
W4 <b>30,0</b>	PD4 <b>616,3</b>	PLM <b>9000,0</b>	
LCF from stem on CL / on sheer		<b>4,452 / 4,663</b>	
Maximum beam station from stem		<b>4,924</b>	
RM Measured		<b>33,1kg·m</b>	
RM Default		<b>36,8kg·m</b>	
Limit of positive stability / Stab.Index		<b>107,8° / 100,7</b>	
Freeboard at mast at 3,370		<b>0,902</b>	

<b>RIG</b>			
Forestay Tension <b>Fixed</b>	Spreaders <b>1</b>		
Inner Stay <b>Fixed</b>	Runners <b>0</b>		
Carbon Mast <b>No</b>	Jumper Struts <b>None</b>		
Taper Hollows <b>No</b>	Jib Furler <b>Yes</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>8,830</b>	E <b>2,720</b>	MDT1 <b>0,092</b>	MW <b>0,125</b>
IG <b>10,040</b>	J <b>2,910</b>	MDL1 <b>0,125</b>	GO <b>0,125</b>
ISP <b>10,010</b>	SFJ <b>0,460</b>	MDT2 <b>0,092</b>	BD <b>0,080</b>
BAS <b>1,075</b>	SPL <b>3,090</b>	MDL2 <b>0,125</b>	MWT
FSP <b>0,064</b>	TPS	TL	MCG



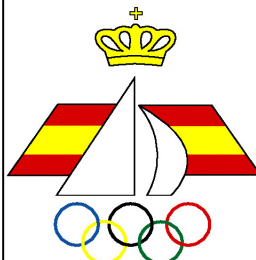
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**IMS Measurement Certificate**

**Certificate**

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

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

<b>COMMENTS</b>	
MOTOR FUERABORDA. CON JUPPETE	

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

<b>CENTERBOARD</b>	
N/A	

<b>SAILS (Maximum Areas)</b>									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0,110	0,56	1,01	1,70	2,25	14,07	14,27	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
<b>Symmetric</b>									
Not Available									
<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>Fly</b>	<b>Meas.Date</b>	<b>Material</b>	<b>Comment</b>
0,51	1,00	2,05	3,10	4,10	9,33	19,18						

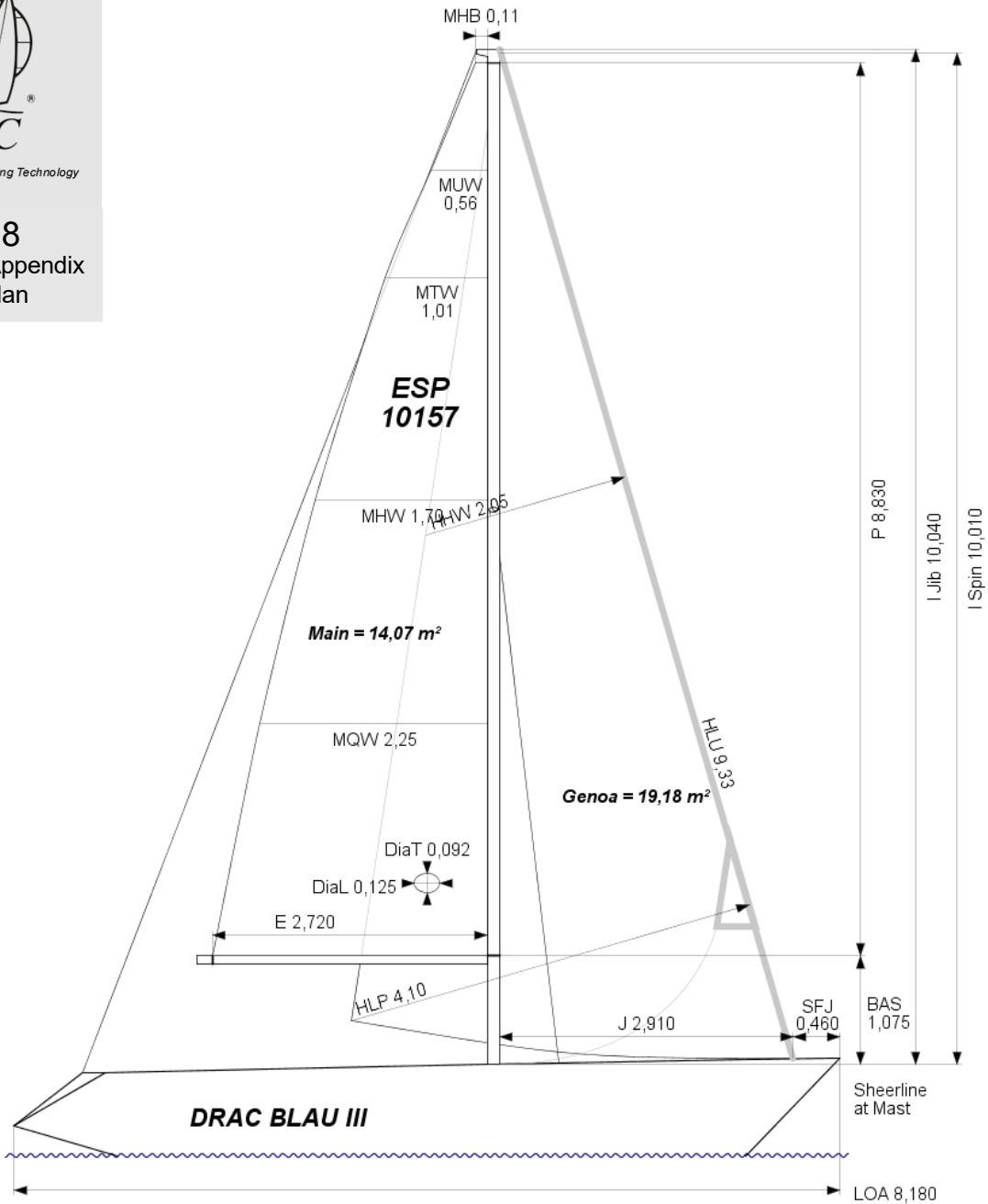
<b>MEASUREMENT INVENTORY</b>				
Measurer <b>FRANCISCO GIL ESP 421</b>				
Date <b>19/05/2016</b>				
Comment				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
<i>Id</i>	<i>Item</i>	<i>Weight Description</i>		

<b>MEASUREMENT INVENTORY</b>				
<i>Id</i>	<i>Item</i>	<i>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
001	0,110	0,56	1,01	1,70	2,25	14,07					

**HEADSAILS (1)**

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
001		0,51	1,00	2,05	3,10	4,10	9,33	141%	19,18							

**SYMMETRIC SPINNAKERS (0)**

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
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**ASYMMETRIC SPINNAKERS (0)**

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