



World Leader in Rating Technology

## 2017 ORC Club One Design Certificate

### Rating office

Watersportverbond  
Tel: +31 307513700  
rating@watersportverbond  
www.watersporters.nl

### Certificaat

Nummer **J80**  
Afgifte **16-8-2017**  
ORC Ref **1700010185**  
VPP versie **2017 1.00**  
Geldig tot **31-3-2018**

### Bemanningsgewicht

Opgegeven **340kg**  
Standaard\* **411kg**  
Trim bekrachtiging **Nee**

### Extra rating opties

	ToD	ToT
2H alg.	<b>676,1</b>	<b>0,8875</b>
2H offshore	<b>661,4</b>	<b>0,9072</b>
Z-Spi alg.	<b>711,5</b>	<b>0,8433</b>
Z-Spi offshore	<b>690,4</b>	<b>0,8690</b>

### Maximaal aantal zeilen

Voorzeilen **5** Spinnakers **3**

### Spinnaker configuratie

Symm. **Nee**  
Asymm. **Ja** **64,99**  
Vliegend **Nee**  
Spi-boom **Nee**

### Klasse Lengte

CDL = **7,113**

### Stability (Estimated)

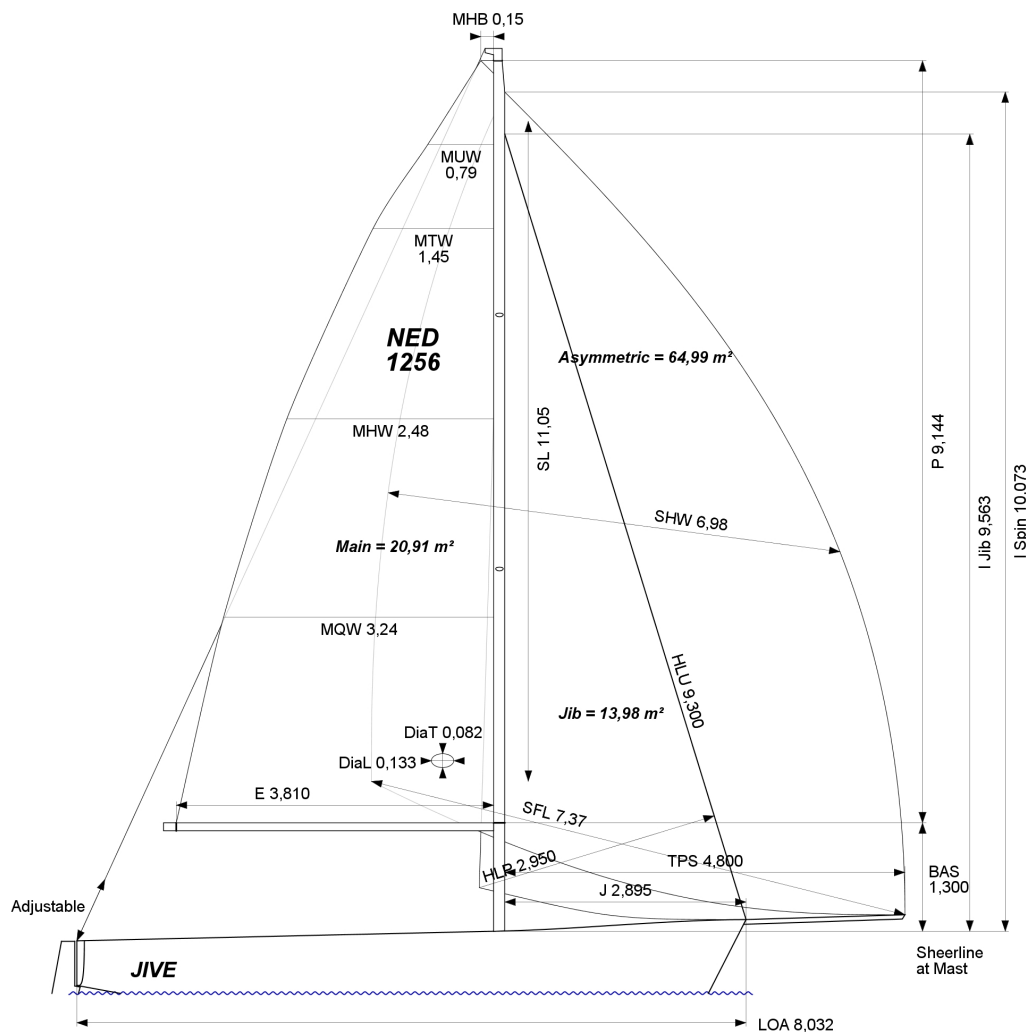
Limit Positive Stab.: **111,7°**  
Stabiliteits Index **104,9**

### Eigenaar

Bart de Rooij  
Tolgaarderserf 14  
3991 KC HOuten  
mail@bartderooij.nl

Ondergetekende, verklaart hierbij zich aan de ORC regels en reglementen te houden

Handtekening



BOOT		GPH		ROMP		
Naam <b>Jive</b> Zeilnr. <b>NED 1256</b>		<b>667,4</b>		Gegevens <b>nedo1256</b> Lengte <b>8,032m</b>		
				Offset <b>j80.OD</b> Breedte <b>2,488m</b>		
				Gewicht <b>1.438kg</b> Diepg. <b>1,501m</b>		
TYPE				IMS Divisie <b>Sportboot</b> Dyn Vergoeding <b>0,153%</b>		
Type <b>J-80 OD</b>				Voorkajuit <b>Nee</b> Bouwwijze <b>Sandwich</b>		
Ontwerper <b>JOHNSTONE</b>				Kunst Verst. <b>Nee</b> Aramide kern <b>Nee</b>		
Bouwer <b>J-COMPOSITE</b>				Trapeze <b>0,00</b> Carbon roer <b>Nee</b>		
Serie datum <b>01-1995</b>				Lichte sceptors <b>Nee</b>		
Bouw datum <b>01-2009</b>				IMSL <b>7,237m</b> VCGD <b>-0,150m</b> Sink <b>8,99kg/mm</b>		
Leef tijd v ergoeding <b>0,487%</b>				RL <b>6,988m</b> VCGM <b>-0,076m</b> WS <b>11,89m²</b>		
OPMERKINGEN				LSM0 <b>6,967m</b> DLR (Gew / Lengte Ratio) <b>4,2523</b>		
				Water ballast <b>0</b> Trimroer <b>Nee</b>		
SCHROEF				MIDZWAARD		
Type <b>Geen schroef</b>				<b>Nvt</b>		
RATING OPTIES						
	COASTEL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	<b>650,7</b>			<b>736,3</b>		
Time on Time	<b>0,9220</b>			<b>0,9168</b>		
Triple number	Laag	Midden	Hoog	Laag	Midden	Hoog
Time on Distance	<b>753,4</b>	<b>595,9</b>	<b>526,2</b>	<b>973,7</b>	<b>736,7</b>	<b>646,1</b>
Time on Time	<b>0,8959</b>	<b>1,1328</b>	<b>1,2827</b>	<b>0,6932</b>	<b>0,9162</b>	<b>1,0448</b>



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# 2017

## ORC Club Certificate Appendix

<b>BOOT</b>	
Naam <b>Jive</b>	Certificaat nummer <b>J80</b>
Zeilnr. <b>NED 1256</b>	Afgifte datum <b>16-8-2017</b>

<b>TIME ALLOWANCES</b>							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>1156,7</b>	<b>952,0</b>	<b>840,3</b>	<b>798,8</b>	<b>781,6</b>	<b>772,4</b>	<b>763,6</b>
52°	<b>752,0</b>	<b>628,3</b>	<b>580,0</b>	<b>562,8</b>	<b>554,6</b>	<b>550,1</b>	<b>539,9</b>
60°	<b>704,9</b>	<b>600,8</b>	<b>563,7</b>	<b>543,6</b>	<b>533,0</b>	<b>526,7</b>	<b>515,1</b>
75°	<b>666,3</b>	<b>582,3</b>	<b>548,5</b>	<b>519,5</b>	<b>497,9</b>	<b>486,8</b>	<b>478,4</b>
90°	<b>643,9</b>	<b>565,4</b>	<b>544,0</b>	<b>515,8</b>	<b>485,3</b>	<b>459,8</b>	<b>435,8</b>
110°	<b>635,3</b>	<b>556,7</b>	<b>513,0</b>	<b>488,1</b>	<b>467,6</b>	<b>447,6</b>	<b>408,1</b>
120°	<b>654,0</b>	<b>564,2</b>	<b>518,3</b>	<b>473,3</b>	<b>446,1</b>	<b>424,8</b>	<b>378,5</b>
135°	<b>731,0</b>	<b>597,8</b>	<b>544,5</b>	<b>501,4</b>	<b>458,0</b>	<b>413,4</b>	<b>329,3</b>
150°	<b>861,1</b>	<b>686,1</b>	<b>593,5</b>	<b>551,3</b>	<b>519,6</b>	<b>482,2</b>	<b>387,7</b>
Run VMG	<b>994,3</b>	<b>792,3</b>	<b>685,4</b>	<b>634,7</b>	<b>585,6</b>	<b>550,6</b>	<b>447,7</b>
<b>Selected Courses</b>							
Windward / Leeward	<b>1075,5</b>	<b>872,2</b>	<b>762,8</b>	<b>716,8</b>	<b>683,6</b>	<b>661,5</b>	<b>605,7</b>
Circular Random	<b>909,2</b>	<b>738,9</b>	<b>648,6</b>	<b>596,0</b>	<b>561,8</b>	<b>536,5</b>	<b>495,6</b>
Ocean for PCS	<b>1112,6</b>	<b>865,0</b>	<b>726,4</b>	<b>640,9</b>	<b>583,0</b>	<b>539,0</b>	<b>469,4</b>
Non Spinnaker	<b>992,2</b>	<b>795,9</b>	<b>689,7</b>	<b>627,1</b>	<b>587,5</b>	<b>560,4</b>	<b>522,4</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>44,0°</b>	<b>42,2°</b>	<b>40,6°</b>	<b>39,1°</b>	<b>38,3°</b>	<b>38,0°</b>	<b>38,2°</b>
Beat VMG	<b>3,11</b>	<b>3,78</b>	<b>4,28</b>	<b>4,51</b>	<b>4,61</b>	<b>4,66</b>	<b>4,71</b>
52°	<b>4,79</b>	<b>5,73</b>	<b>6,21</b>	<b>6,40</b>	<b>6,49</b>	<b>6,54</b>	<b>6,67</b>
60°	<b>5,11</b>	<b>5,99</b>	<b>6,39</b>	<b>6,62</b>	<b>6,75</b>	<b>6,83</b>	<b>6,99</b>
75°	<b>5,40</b>	<b>6,18</b>	<b>6,56</b>	<b>6,93</b>	<b>7,23</b>	<b>7,39</b>	<b>7,52</b>
90°	<b>5,59</b>	<b>6,37</b>	<b>6,62</b>	<b>6,98</b>	<b>7,42</b>	<b>7,83</b>	<b>8,26</b>
110°	<b>5,67</b>	<b>6,47</b>	<b>7,02</b>	<b>7,38</b>	<b>7,70</b>	<b>8,04</b>	<b>8,82</b>
120°	<b>5,50</b>	<b>6,38</b>	<b>6,95</b>	<b>7,61</b>	<b>8,07</b>	<b>8,47</b>	<b>9,51</b>
135°	<b>4,92</b>	<b>6,02</b>	<b>6,61</b>	<b>7,18</b>	<b>7,86</b>	<b>8,71</b>	<b>10,93</b>
150°	<b>4,18</b>	<b>5,25</b>	<b>6,07</b>	<b>6,53</b>	<b>6,93</b>	<b>7,47</b>	<b>9,29</b>
Run VMG	<b>3,62</b>	<b>4,54</b>	<b>5,25</b>	<b>5,67</b>	<b>6,15</b>	<b>6,54</b>	<b>8,04</b>
Gybe Angles	<b>144,9°</b>	<b>147,8°</b>	<b>149,8°</b>	<b>151,4°</b>	<b>176,5°</b>	<b>177,4°</b>	<b>138,2°</b>