

<b>BOAT</b> Name <b>My Way</b> Sail Nr <b>ROU-142</b>	<b>GPH</b> <b>573.6</b>	<b>HULL</b> Length Overall <b>12.400m</b> Maximum Beam <b>3.486m</b> Displacement <b>6,594kg</b> Draft <b>2.481m</b> IMS Reg. Division <b>Cruiser/Racer</b> Dynamic Allowance <b>0.000%</b> Fwd Accommodation <b>Yes</b> Hull Construction <b>Solid</b> Carbon Rudder <b>No</b> Crew Arm Extension IMSL <b>10.952m</b> VCGD <b>0.131m</b> Sink <b>22.12kg/mm</b> RL <b>10.087m</b> VCGM <b>0.138m</b> WS <b>29.72m<sup>2</sup></b> LSM0 <b>10.657m</b> Displacement/Length ratio <b>5.4481</b>
<b>GENERAL</b> Class <b>Rodman 42</b> Designer <b>Judel/Vroeljik</b> Builder <b>Rodman</b> Series <b>07/2002</b> Age <b>05/2003</b> Age Allowance <b>0.487%</b> Offset File <b>RODMAN42.OFF - 16/07/2002 08:16:00</b> Measurement by - <b>16/09/2003</b>		



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SCORING OPTIONS						
Time on Distance	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	<b>558.5</b>			<b>624.7</b>		
Time on Time	<b>1.0742</b>			<b>1.0806</b>		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	<b>652.7</b>	<b>509.3</b>	<b>455.8</b>	<b>844.8</b>	<b>628.6</b>	<b>547.7</b>
Time on Time	<b>1.0342</b>	<b>1.3253</b>	<b>1.4810</b>	<b>0.7990</b>	<b>1.0738</b>	<b>1.2324</b>

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	<b>934.4</b>	<b>768.3</b>	<b>689.6</b>	<b>664.9</b>	<b>654.2</b>	<b>640.5</b>	<b>635.3</b>
52°	<b>616.6</b>	<b>516.2</b>	<b>478.3</b>	<b>468.0</b>	<b>463.3</b>	<b>459.4</b>	<b>453.1</b>
60°	<b>584.4</b>	<b>497.1</b>	<b>465.6</b>	<b>455.2</b>	<b>450.3</b>	<b>447.7</b>	<b>438.9</b>
75°	<b>559.6</b>	<b>485.2</b>	<b>456.1</b>	<b>439.7</b>	<b>431.0</b>	<b>425.9</b>	<b>418.1</b>
90°	<b>563.9</b>	<b>485.9</b>	<b>455.0</b>	<b>434.5</b>	<b>416.8</b>	<b>404.0</b>	<b>392.9</b>
110°	<b>585.0</b>	<b>486.2</b>	<b>447.8</b>	<b>422.5</b>	<b>406.0</b>	<b>393.1</b>	<b>374.1</b>
120°	<b>605.9</b>	<b>498.0</b>	<b>454.4</b>	<b>426.8</b>	<b>400.2</b>	<b>378.7</b>	<b>354.2</b>
135°	<b>677.4</b>	<b>547.5</b>	<b>479.2</b>	<b>447.4</b>	<b>421.5</b>	<b>396.0</b>	<b>345.1</b>
150°	<b>808.0</b>	<b>643.7</b>	<b>541.9</b>	<b>480.5</b>	<b>450.0</b>	<b>425.5</b>	<b>378.5</b>
Run VMG	<b>933.0</b>	<b>743.3</b>	<b>625.7</b>	<b>549.0</b>	<b>498.6</b>	<b>462.1</b>	<b>414.7</b>

**Certificate**  
Number **058/19**  
ORC Ref **ROU10026001**  
Issued On **23/07/2019**  
VPP Ver. **2019 1.01**  
Valid until **31/12/2019**

Selected Courses							
Windward / Leeward	<b>933.7</b>	<b>755.8</b>	<b>657.7</b>	<b>606.9</b>	<b>576.4</b>	<b>551.3</b>	<b>525.0</b>
Circular Random	<b>786.3</b>	<b>636.1</b>	<b>556.6</b>	<b>511.0</b>	<b>482.9</b>	<b>464.1</b>	<b>439.7</b>
Coastal / Long Distance	<b>933.6</b>	<b>710.9</b>	<b>593.7</b>	<b>529.6</b>	<b>494.3</b>	<b>464.0</b>	<b>419.7</b>
Non Spinnaker	<b>833.9</b>	<b>669.8</b>	<b>581.5</b>	<b>530.1</b>	<b>498.2</b>	<b>477.1</b>	<b>450.1</b>

**Crew Weight**  
Default 754kg  
Maximum **875kg**  
Minimum\* **656kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**  
ToD ToT  
Non Spin GPH **599.9** **1.0002**  
Non Spin OSN **584.2** **1.0271**

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>42.2°</b>	<b>41.0°</b>	<b>39.5°</b>	<b>38.5°</b>	<b>38.0°</b>	<b>37.8°</b>	<b>38.1°</b>
Beat VMG	<b>3.85</b>	<b>4.69</b>	<b>5.22</b>	<b>5.41</b>	<b>5.50</b>	<b>5.62</b>	<b>5.67</b>
52°	<b>5.84</b>	<b>6.97</b>	<b>7.53</b>	<b>7.69</b>	<b>7.77</b>	<b>7.84</b>	<b>7.94</b>
60°	<b>6.16</b>	<b>7.24</b>	<b>7.73</b>	<b>7.91</b>	<b>7.99</b>	<b>8.04</b>	<b>8.20</b>
75°	<b>6.43</b>	<b>7.42</b>	<b>7.89</b>	<b>8.19</b>	<b>8.35</b>	<b>8.45</b>	<b>8.61</b>
90°	<b>6.38</b>	<b>7.41</b>	<b>7.91</b>	<b>8.28</b>	<b>8.64</b>	<b>8.91</b>	<b>9.16</b>
110°	<b>6.15</b>	<b>7.40</b>	<b>8.04</b>	<b>8.52</b>	<b>8.87</b>	<b>9.16</b>	<b>9.62</b>
120°	<b>5.94</b>	<b>7.23</b>	<b>7.92</b>	<b>8.44</b>	<b>9.00</b>	<b>9.51</b>	<b>10.16</b>
135°	<b>5.31</b>	<b>6.57</b>	<b>7.51</b>	<b>8.05</b>	<b>8.54</b>	<b>9.09</b>	<b>10.43</b>
150°	<b>4.46</b>	<b>5.59</b>	<b>6.64</b>	<b>7.49</b>	<b>8.00</b>	<b>8.46</b>	<b>9.51</b>
Run VMG	<b>3.86</b>	<b>4.84</b>	<b>5.75</b>	<b>6.56</b>	<b>7.22</b>	<b>7.79</b>	<b>8.68</b>
Gybe Angles	<b>142.1°</b>	<b>147.5°</b>	<b>150.0°</b>	<b>155.7°</b>	<b>169.5°</b>	<b>180.0°</b>	<b>180.0°</b>

**Sails Limitations**  
Headsails **6** | Spinnakers **4**

**Class Division Length**  
CDL = **10.520**

**Storm Sails Areas**  
Heavy Weather Jib **32.94**  
Storm Jib (JL=10.16) **12.20**  
Storm Trysail **16.97**

**Owner**

<b>BOAT</b>				
Name	My Way	Sail Nr	ROU-142	
File	ROU142	Data in	meters/kilograms	
<b>RIG</b>				
Forestay Tension	Aft	Spreaders	2	
Inner Stay	None Fitted	Runners	0	
Carbon Mast	Yes	Jumper Struts	None	
Taper Hollows	No	Jib Furler	No	
Fiber Rigging	No	Main Furler	No	
Lenticular Rigging	No	Without Backstay	No	
Articulated Bowsprit	No			
P	16.460	E	5.890	MDT1
IG	15.550	J	4.450	MDL1
ISP	15.630	SFJ	0.302	MDT2
BAS	1.700	SPL	4.541	MDL2
FSP	0.072	TPS		TL
MW	0.244	GO	0.264	BD
		BD	0.250	MWT
		MWT	209.80	MCG
		MCG	5.650	

<b>INCLINING TEST AND FREEBOARDS</b>				
Inclining Test <b>Current Inclining</b>				
Flotation date		17/04/2019	SG 1.0070	
FFM	1.367	FF	1.374	SFFP
FAM	1.127	FA	1.132	SAFP
W1	91.2	PD1	552.0	WD
W2	91.2	PD2	561.6	GSA
W3	91.2	PD3	557.9	RSA
W4	91.2	PD4	550.3	PLM
LCF from stem on CL / on sheer	6.723 / 6.929			
Maximum beam station from stem	8.030			
RM Measured	156.2kg-m			
RM Default	187.4kg-m			
Limit of positive stability / Stab.Index	112.7° / 116.9			
Freeboard at mast at 4.752	1.208			



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

<b>PROPELLER</b>				
Installation	Strut	PRD	0.425	
Type	Folding 2 blades	PBW	0.106	
Twin Screw	No	PIPA	0.0037	
ST1	0.046	ST3	0.182	ST5
ST2	0.176	ST4	0.111	EDL
				1.070

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<b>COMMENTS</b>				

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

<b>CENTERBOARD</b>				
N/A				

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<b>SAILS (Maximum Areas)</b>									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.210	1.30	2.24	3.84	5.00	58.36	59.67	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric	SLU	SLE	SL	SHW	SFL	103.08		SL · (SFL + 4·SHW) / 6	
	15.34	15.34	15.34	8.12	7.84				
Asymmetric	Not Available								

<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
0.10	0.70	1.31	2.48	3.60	4.65	15.68	38.09	Y		16/04/2019	Carbon	J1 2018
0.09	0.68	1.29	2.49	3.64	4.66	15.51	37.78	Y		16/04/2019	Dyneem	J2 3diMedium3Di_16
0.08	0.68	1.29	2.45	3.59	4.69	15.35	37.15	Y		16/04/2019	Kevlar	JibTop
0.08	0.64	1.19	2.34	3.50	4.62	15.46	36.21	Y		06/05/2019	Carbon	J3 2019
					4.52	15.21	35.00			09/05/2003	Nylon	Windseeker
0.08	0.63	1.18	2.24	3.43	4.67	15.05	34.76	Y		06/05/2019	Carbon	J3.5 2019

<b>MEASUREMENT INVENTORY</b>				
Measurer				
Date	17/04/2019			
Comment				
Id	Item	Weight	Distance	VCG Description
Id	Item	Maker	Model	
1	Engine	YANMAR		
Id	Item	Weight	Description	

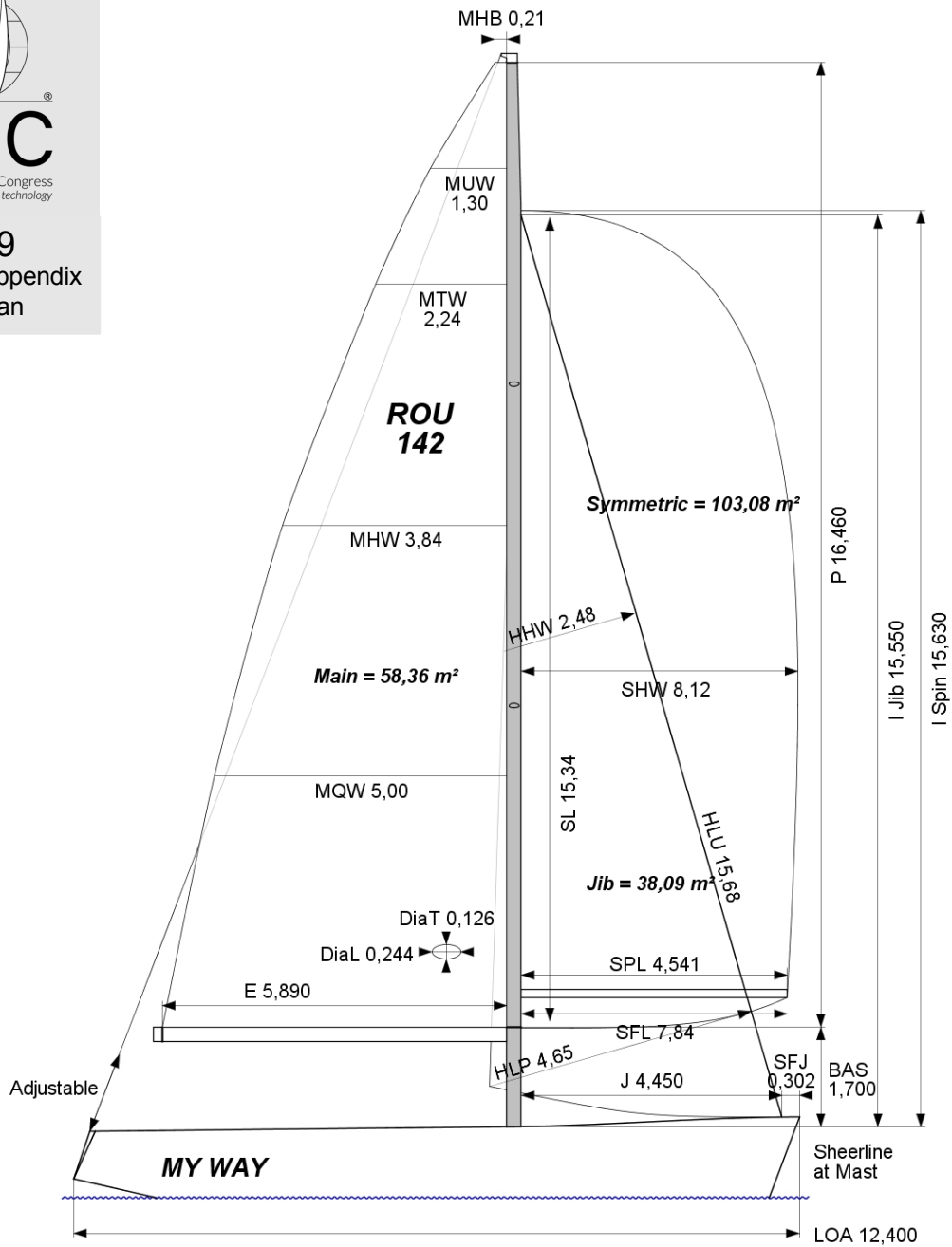
<b>MEASUREMENT INVENTORY</b>								
Id	Item	Tank Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description
1	Tank	FUEL	ST.STEEL	60.0	7.50		0-0	
2	Tank	WATER	BLADDER	100.0	6.60		0-0	
3	Tank	WATER	BLADDER	100.0	6.60		0-0	
Id	Item	Weight	Distance	VCG Description				
1	Ballast	85.0	7.70	5 x 17 kg P				
2	Ballast	85.0	7.70	5 x 17 kg S				
3	Ballast	68.0	8.10	4 x 17 kg P				
4	Ballast	68.0	8.10	4 x 17 kg S				
1	Battery	22.0	6.60					
2	Battery	22.0	7.50					
3	Battery	22.0	7.50					



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Sail Plan



**SAILS INVENTORY**

MAINSAIL (2)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
2	0.21	1.30	2.24	3.84	5.00	58.30		22/08/2018	NORTH	Carbon	3Di 2016					
1	0.21	1.30	2.22	3.70	4.93	57.38		16/04/2019	KAKITSIS	Dacron	HeavyTafeta					
HEADSAILS (6)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1	0.10	0.70	1.31	2.48	3.60	4.65	15.68	104%	38.09	Y			16/04/2019	Quantum	Carbon	J1 2018
2 stamp	0.09	0.68	1.29	2.49	3.64	4.66	15.51	105%	37.78	Y			16/04/2019	NORTH	Dyneem	J2 3diMedium3Di_16
5	0.08	0.68	1.29	2.45	3.59	4.69	15.35	105%	37.15	Y			16/04/2019	NORTH	Kevlar	JibTop
3	0.08	0.64	1.19	2.34	3.50	4.62	15.46	104%	36.21	Y			06/05/2019	Quantum	Carbon	J3 2019
6						4.52	15.21	102%	35.00				09/05/2003	NORTH	Nylon	Windseeker
4	0.08	0.63	1.18	2.24	3.43	4.67	15.05	105%	34.76	Y			06/05/2019	Quantum	Carbon	J3.5 2019
SYMMETRIC SPINNAKERS (5)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
2	15.34	15.34	15.34	8.12	7.84	103.09		22/08/2018	north	Nylon	S1.5 0.5 2018					
3	15.30	15.30	15.30	8.15	7.82	103.08		22/08/2018	north	Nylon	S2 0.6 2018					
1	15.39	15.39	15.39	8.06	7.76	102.60		22/06/2016	NORTH	Nylon	1S.A ,0,4oz 16					
5	15.20	15.20	15.20	8.14	7.60	101.74			NORTH	Nylon	3S.B					
4	15.32	15.32	15.32	7.84	7.75	99.87		22/06/2016	NORTH	Nylon	3S.A, 0,7oz 16					
ASYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				