

BOAT Name My Way Sail Nr ROU-142	GPH 573.2	HULL Length Overall 12.400m Maximum Beam 3.486m Displacement 6,594kg Draft 2.481m IMS Reg. Division Cruiser/Racer Dynamic Allowance 0.000% Fwd Accommodation Yes Hull Construction Solid Carbon Rudder No Crew Arm Extension IMSL 10.952m VCGD 0.131m Sink 22.12kg/mm RL 10.090m VCGM 0.138m WS 29.72m² LSM0 10.657m Displacement/Length ratio 5.4481
GENERAL Class Rodman 42 Designer Judel/Vroeljik Builder Rodman Series 07/2002 Age 05/2003 Age Allowance 0.487% Offset File RODMAN42.OFF - 16/07/2002 08:16:00 Measurement by - 16/09/2003		



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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	558.4			624.6		
Time on Time	1.0744			1.0807		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	652.5	509.0	454.9	844.6	628.6	547.6
Time on Time	1.0345	1.3261	1.4840	0.7992	1.0739	1.2326

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	934.2	768.2	689.5	664.8	654.1	640.3	635.1
52°	616.4	516.1	478.2	468.0	463.3	459.4	453.1
60°	584.3	497.0	465.5	455.2	450.3	447.6	438.8
75°	559.5	485.1	456.0	439.6	431.0	425.9	418.0
90°	563.7	484.7	451.3	434.5	416.7	404.0	392.8
110°	584.9	486.1	447.8	422.4	400.4	386.7	365.7
120°	605.8	498.0	454.4	426.7	400.2	378.5	345.3
135°	677.2	547.4	479.1	447.4	421.4	396.0	345.1
150°	807.9	643.6	541.8	480.4	449.9	425.5	378.4
Run VMG	932.9	743.2	625.6	549.0	498.6	462.1	414.6

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Issued On **01/06/2019**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Selected Courses							
Windward / Leeward	933.5	755.7	657.6	606.9	576.3	551.2	524.9
Circular Random	785.9	635.8	556.2	510.5	482.3	463.3	438.2
Coastal / Long Distance	933.4	710.7	593.4	529.6	494.3	463.9	417.4
Non Spinnaker	833.7	669.6	581.4	530.0	498.1	477.0	450.0

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 **599.8** **1.0003**
Non Spin OSN **584.1** **1.0273**

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	42.2°	41.0°	39.5°	38.4°	38.1°	37.8°	38.1°
Beat VMG	3.85	4.69	5.22	5.42	5.50	5.62	5.67
52°	5.84	6.97	7.53	7.69	7.77	7.84	7.95
60°	6.16	7.24	7.73	7.91	7.99	8.04	8.20
75°	6.43	7.42	7.89	8.19	8.35	8.45	8.61
90°	6.39	7.43	7.98	8.29	8.64	8.91	9.17
110°	6.15	7.41	8.04	8.52	8.99	9.31	9.85
120°	5.94	7.23	7.92	8.44	9.00	9.51	10.43
135°	5.32	6.58	7.51	8.05	8.54	9.09	10.43
150°	4.46	5.59	6.64	7.49	8.00	8.46	9.51
Run VMG	3.86	4.84	5.75	6.56	7.22	7.79	8.68
Gybe Angles	142.1°	147.5°	150.0°	155.7°	169.5°	180.0°	180.0°

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

Class Division Length
CDL = **10.522**

Storm Sails Areas
Heavy Weather Jib **32.94**
Storm Jib (JL=10.16) **12.20**
Storm Trysail **17.14**

Owner

BOAT			
Name	My Way	Sail Nr	ROU-142
File	ROU142	Data in	meters/kilograms

RIG			
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	5.950
IG	15.550	J	4.450
ISP	15.630	SFJ	0.302
BAS	1.700	SPL	4.541
FSP	0.072	TPS	4.752
MDT1	0.126	MW	0.244
MDL1	0.244	GO	0.264
MDT2	0.081	BD	0.250
MDL2	0.178	MWT	209.80
TL	2.400	MCG	5.650

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining			
Flotation date		17/04/2019	SG
			1.0070
FFM	1.367	FF	1.374
FAM	1.127	FA	1.132
SFFP	0.160	SAFP	12.030
W1	91.2	PD1	552.0
W2	91.2	PD2	561.6
W3	91.2	PD3	557.9
W4	91.2	PD4	550.3
WD	12.080	GSA	1.0
		RSA	1.0
		PLM	9000.0
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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MIZZEN RIG AND SAILS			
N/A			

PROPELLER			
Installation	Strut	PRD	0.425
Type	Folding 2 blades	PBW	0.106
Twin Screw	No	PIPA	0.0037
ST1	0.046	ST3	0.182
ST2	0.176	ST4	0.111
		ST5	0.315
		EDL	1.070

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COMMENTS			

MOVABLE BALLAST			
N/A			

CENTERBOARD			
N/A			



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SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.210	1.30	2.24	3.84	5.00	58.48	59.77	P/8 · (E + 2·MQW+ 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric	SLU	SLE	SL	SHW	SFL			SL · (SFL + 4·SHW) / 6	
	15.34	15.34	15.34	8.12	7.84	103.08			
Asymmetric	SLU	SLE	SL	SHW	SFL			AS · (SFL + 4·SHW) / 6	
	15.72	14.39	15.05	5.10	6.77	68.17		84.13	

HEADSAILS												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
HBB	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

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

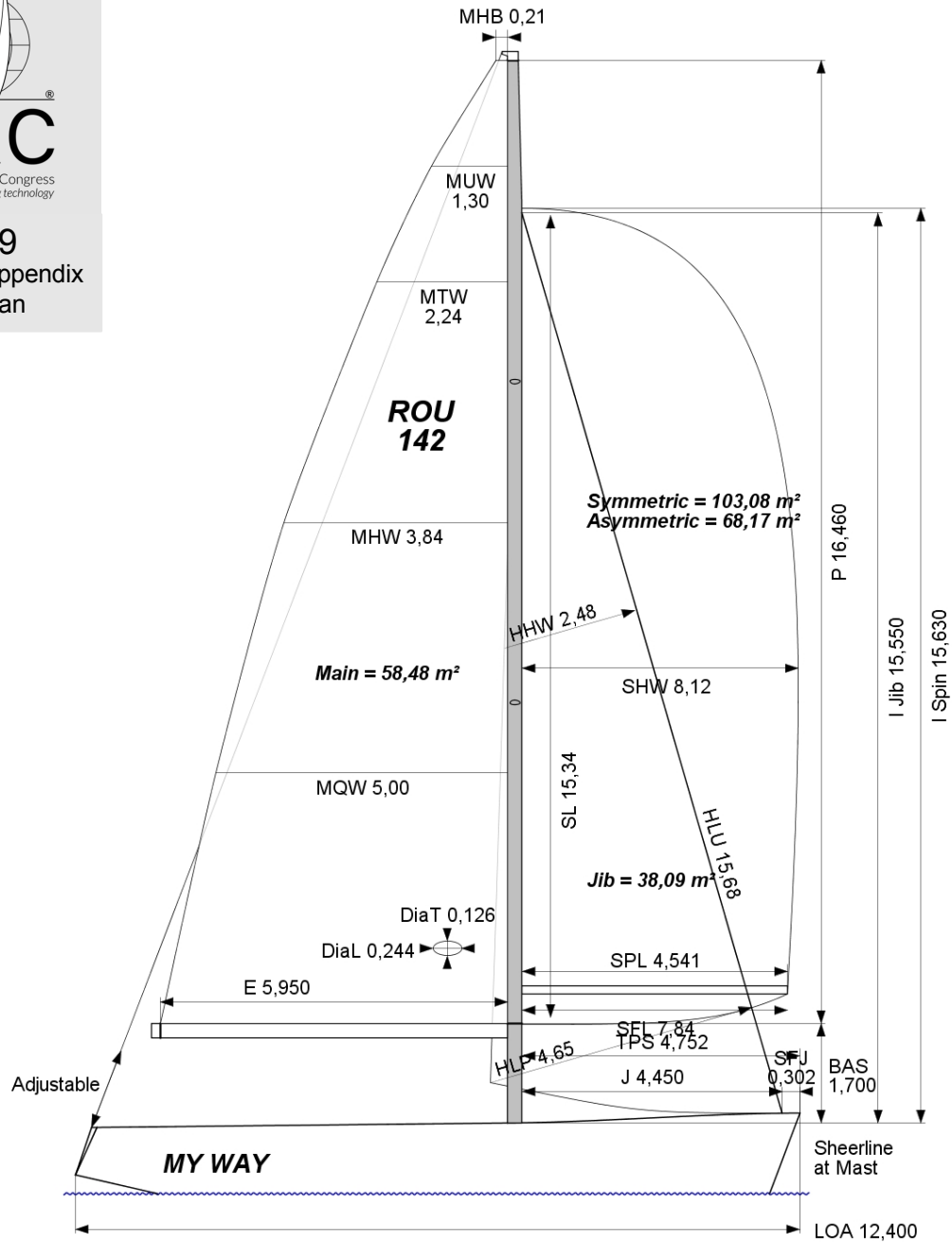
MEASUREMENT INVENTORY							
Id	Item	Tank Use	Tank Type	Capcty	Dist.	VCG	Condtn Description
1	Tank	FUEL	ST.STEEL	60.0	7.50		0-0
2	Tank	WATER	BLADDER	100.0	6.60		0-0
3	Tank	WATER	BLADDER	100.0	6.60		0-0
Id	Item	Weight	Distance	VCG Description			
1	Ballast	85.0	7.70	5 x 17 kg P			
2	Ballast	85.0	7.70	5 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	58.43		22/08/2018	NORTH	Carbon	3Di 2016
1	0.21	1.30	2.22	3.70	4.93	57.50		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 (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
0	15.72	14.39	15.05	5.10	6.77	68.18	asym		06/05/2019	quantum	Nylon	