

BOAT Name My Way Sail Nr ROU 142	GPH 576.8	HULL Length Overall 12.400m Maximum Beam 3.486m Displacement 6,577kg Draft 2.480m IMS Reg. Division Cruiser/Racer Dynamic Allowance 0.000% Fwd Accommodation Yes Hull Construction Solid Carbon Rudder No Crew Arm Extension
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 GVALV/TSALT/KALATZ - 16/09/2003		IMSL 10.947m VCGD 0.071m Sink 22.14kg/mm RL 9.964m VCGM 0.079m WS 29.69m² LSMO 10.635m Displacement/Length ratio 5.4678



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SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Low	Medium	High	Low	Medium	High
Time On Distance	561.9			630.6		
Time On Time	1.0677			1.0704		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	663.1	510.6	452.8	864.7	634.0	547.3
Time on Time	1.0179	1.3221	1.4907	0.7806	1.0647	1.2333

TIME ALLOWANCES	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	967.6	799.6	703.2	669.0	652.8	640.4	630.9
52°	631.5	526.0	478.5	465.4	459.4	456.3	447.9
60°	593.2	500.3	464.1	451.5	445.3	441.6	431.8
75°	561.3	483.5	453.1	433.8	423.0	416.7	410.2
90°	561.1	481.9	451.1	429.9	408.8	393.6	381.7
110°	588.9	486.6	448.0	420.2	402.1	388.3	367.7
120°	610.5	500.0	455.5	428.1	400.0	375.5	350.8
135°	684.1	551.4	481.2	449.4	424.1	398.3	346.5
150°	817.4	647.7	544.8	482.3	451.3	427.5	380.2
Run VMG	943.8	747.8	629.0	551.4	500.1	463.1	416.0

Selected Courses	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Windward / Leeward	955.7	773.7	666.1	610.2	576.4	551.7	523.5
Circular Random	796.1	642.0	559.5	511.5	481.7	461.7	435.6
Ocean for PCS	981.8	756.6	629.5	551.8	501.1	465.3	415.6
Non Spinnaker	839.1	672.6	582.4	529.3	496.1	474.0	445.1

Velocity Prediction in Knots for True Wind Speeds	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	43.1°	42.3°	41.1°	39.4°	39.1°	38.4°	38.6°
Beat VMG	3.72	4.50	5.12	5.38	5.52	5.62	5.71
52°	5.70	6.84	7.52	7.73	7.84	7.89	8.04
60°	6.07	7.20	7.76	7.97	8.08	8.15	8.34
75°	6.41	7.45	7.94	8.30	8.51	8.64	8.78
90°	6.42	7.47	7.98	8.38	8.81	9.15	9.43
110°	6.11	7.40	8.04	8.57	8.95	9.27	9.79
120°	5.90	7.20	7.90	8.41	9.00	9.59	10.26
135°	5.26	6.53	7.48	8.01	8.49	9.04	10.39
150°	4.40	5.56	6.61	7.46	7.98	8.42	9.47
Run VMG	3.81	4.81	5.72	6.53	7.20	7.77	8.65
Gybe Angles	141.8°	147.6°	150.2°	155.6°	169.7°	180.0°	180.0°

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Issued On **16/05/2017**
VPP Ver. **2017 1.00**
Valid until **31/12/2017**

Crew Weight

Declared **940kg**
Default* **752kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	600.9	0.9985
Non Spin OSN	585.8	1.0242

Sails Limitations

Headsails	Spinnakers
6	4

Class Division Length

CDL = **10.456**

Storm Sails Areas

Heavy Weather Jib **32.94**
Storm Jib (JL=10.15) **12.20**
Storm Trysail **17.14**

Owner

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

INCLINING TEST AND FREEBOARDS			
Inclining Test Current Inclining			
Flotation date 30/08/2004		SG 1.0260	
FFM 1.380	FF 1.381	SFFP 0.160	
FAM 1.126	FA 1.127	SAFP 12.030	
W1 91.2	PD1 275.0	WD 12.070	
W2 91.2	PD2 275.0	GSA 38.5	
W3 91.2	PD3 275.0	RSA 5674.5	
W4 91.2	PD4 275.0	PLM 2368.0	
LCF from stem on CL / on sheer		6.735 / 6.943	
Maximum beam station from stem		8.030	
RM Measured		164.8kg·m	
RM Default		187.9kg·m	
Limit of positive stability / Stab.Index		116.0° / 120.1	
Freeboard at mast at 4.752		1.211	

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



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IMS Measurement Certificate

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	ST5 0.315	
ST2 0.176	ST4 0.111	EDL 1.070	

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COMMENTS	

MOVEABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.205	1.30	2.26	3.87	5.02	58.69	60.02	P/8 · (E + 2·MQW+ 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric	SLU	SLE	SL	SHW	SFL	102.67		SL · (SFL + 4·SHW) / 6	
	15.32	15.32	15.32	8.10	7.81				
Asymmetric Not Available									

HEADSAILS												
Area = 0.1125·HLU · (1.445·HLP + 2·HQW + 2·HHW + 1.5·HTW + HUW + 0.5·HHB)												
H HB	H UW	H TW	H HW	H QW	H LP	H LU	Area	Btn	Fly	Meas.Date	Material	Comment
0.08	0.68	1.30	2.53	3.68	4.71	15.75	38.80	Y		02/02/2016	Dyneem	Medium3Di_16
0.09	0.65	1.27	2.47	3.65	4.70	15.70	38.21	Y		10/03/2014	Carbon	LightMedium.C_m14
					4.67	15.52	36.90	Y		31/08/2006	Carbon	Heavy.C
					4.65	15.52	36.74	Y		31/08/2006	Kevlar	Light03
					4.67	15.32	36.42	Y		31/08/2006	Kevlar	JibTop
					4.52	15.21	35.00			09/05/2003	Nylon	Windseeker
					3.70	14.16	26.67	Y		05/05/2003	Kevlar	GENOA STAYSAIL

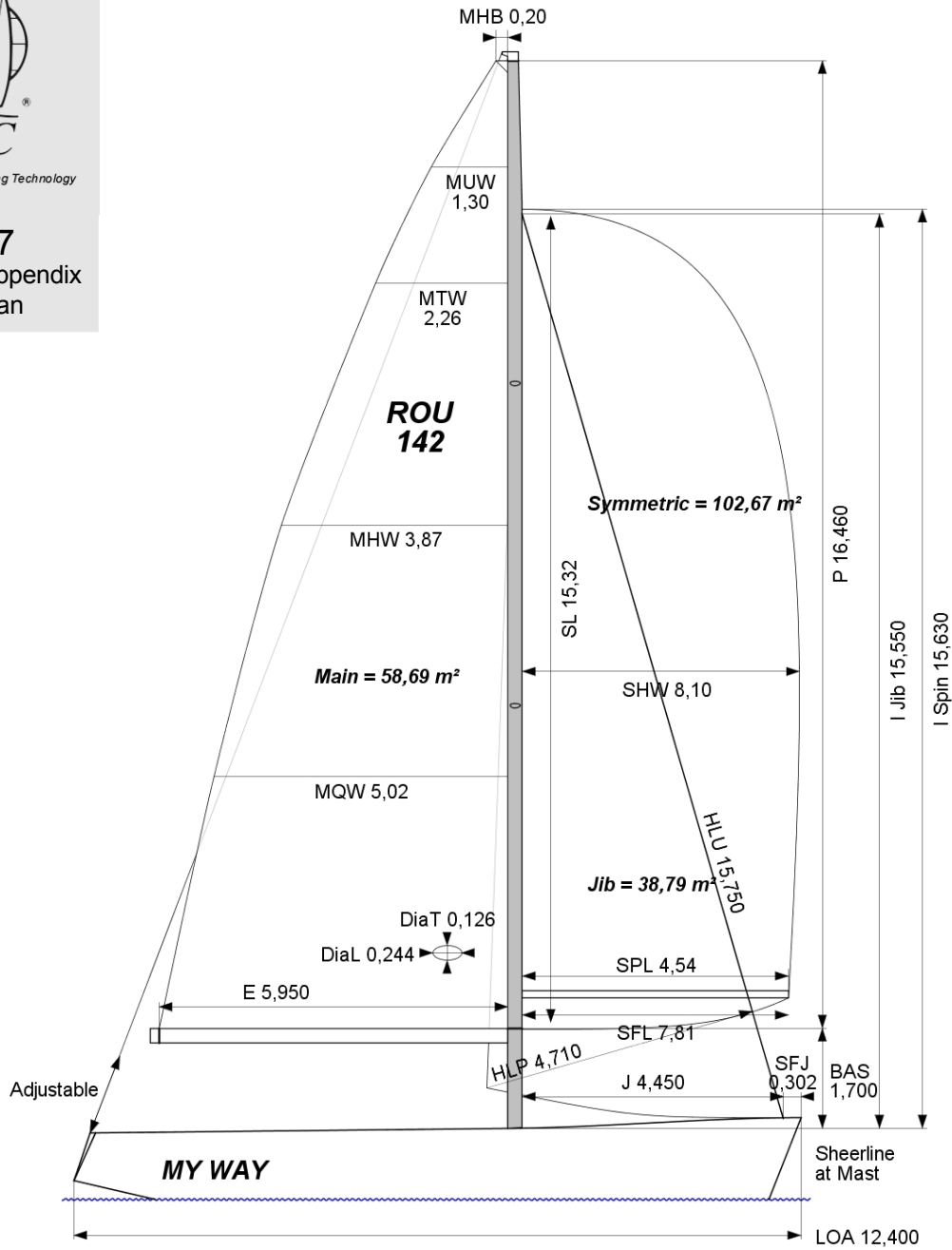
MEASUREMENT INVENTORY				
Measurer TSALTAS GRE-11				
Date 30/08/2004				
Comment				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
4	Anchor	5.0	8.60	
2	Anchor	5.0	8.60	
4	Tools	9.5	5.00	
<i>Id</i>	<i>Item</i>	<i>Maker</i>	<i>Model</i>	
1	Engine	YANMAR		
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Description</i>	
4	Fwd Items	7.0		

MEASUREMENT INVENTORY						
<i>Id</i>	<i>Item</i>	<i>Tank Use</i>	<i>Tank Type</i>	<i>Capcty</i>	<i>Dist.</i>	<i>VCG Condtm Description</i>
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
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>		
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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Certificate Appendix
Sail Plan



SAILS INVENTORY

MAINSAIL (2)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
5	0.205	1.30	2.26	3.87	5.02	58.69	KALATZIS	22/06/2016	NORTH	Dyneema	3Di 2016					
1	0.195	1.31	2.23	3.71	4.95	57.66	KALATZIS	06/04/2015	KAKITSIS	Dacron	Heavy Tafeta					
HEADSAILS (7)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
5	0.08	0.68	1.30	2.53	3.68	4.71	15.75	106%	38.80	Y		075 ODK	02/02/2016	NORTH	Dyneem	Medium3Di_16
2	0.09	0.65	1.27	2.47	3.65	4.70	15.70	106%	38.21	Y		KALATZIS	10/03/2014	NORTH	Carbon	LightMedium.C_m14
8						4.67	15.52	105%	36.90	Y		TSALTAS	31/08/2006	NORTH	Carbon	Heavy.C
9						4.65	15.52	104%	36.74	Y		TSALTAS	31/08/2006	NORTH	Kevlar	Light03
7						4.67	15.32	105%	36.42	Y		TSALTAS	31/08/2006	NORTH	Kevlar	JibTop
6						4.52	15.21	102%	35.00			ORC-266	09/05/2003	NORTH	Nylon	Windseeker
4						3.70	14.16	83%	26.67		Y	US-266	05/05/2003	NORTH	Kevlar	GENOA STAYSAIL
SYMMETRIC SPINNAKERS (4)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
2	15.32	15.32	15.32	8.10	7.81	102.67	KALATZIS	22/06/2016	NORTH	Nylon	2S.C, 0,5oz 16					
5	15.39	15.39	15.39	8.06	7.76	102.60	KALATZIS	22/06/2016	NORTH	Nylon	1S.A, 0.4oz 16					
1	15.29	15.29	15.29	8.09	7.83	102.42	KALATZIS	22/06/2016	NORTH	Nylon	1S.C,0,5oz 16					
4	15.32	15.32	15.32	7.84	7.75	99.86	KALATZIS	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				