

BOAT Name MYC-ONE Sail Nr GER-1909	GPH 535,8	HULL Length Overall 15,150m Maximum Beam 4,546m Displacement 11.179kg Draft 2,897m IMS Reg. Division Performance Dynamic Allowance 0,000% Fwd Accommodation No Hull Construction Carbon Carbon Rudder Yes Crew Arm Extension
GENERAL Class 50' IOR Designer JUDEL/VROLIJK Builder SCHUETZ/KNIERIM Series 01/1991 Age 05/1991 Age Allowance 0,487% Offset File F104.OFF - 21/09/1994 11:25:22 Measurement by CONTI/BUELL - 12/05/1997		IMSL 12,223m VCGD -0,193m Sink 29,43kg/mm RL 11,782m VCGM -0,188m WS 38,86m² LSMO 12,105m Displacement/Length ratio 6,3024



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ORC International
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SCORING OPTIONS	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
	Time On Distance	524,7			586,5	
Time On Time	1,1435			1,1510		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	607,0	477,9	424,6	791,2	591,6	508,6
Time on Time	1,1120	1,4125	1,5899	0,8531	1,1409	1,3272

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	862,9	726,1	650,9	615,2	595,7	583,7	571,8
52°	566,3	479,4	446,4	433,8	426,7	421,7	415,8
60°	532,0	459,3	433,6	421,2	413,3	407,9	401,5
75°	501,5	445,3	422,3	406,1	393,7	386,2	377,9
90°	501,9	445,7	421,9	403,4	387,2	374,5	359,1
110°	544,3	457,2	424,2	400,6	382,3	372,2	354,6
120°	565,2	468,8	431,6	408,1	385,6	365,7	341,8
135°	632,5	518,0	455,3	426,7	404,9	383,7	345,2
150°	752,5	612,3	517,0	458,0	429,5	408,5	369,7
Run VMG	868,9	707,0	597,0	523,8	477,3	442,1	399,6

Certificate
Number **190901**
ORC Ref **ESP00021521**
Issued On **15/02/2017**
VPP Ver. **2017 1.00**
Valid until **31/12/2017**

Crew Weight
Declared **1.086kg**
Default* **904kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	538,5	1,1141
Double H.OSN	528,5	1,1353
Non Spin GPH	553,4	1,0842
Non Spin OSN	542,5	1,1061

Selected Courses	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Windward / Leeward	865,9	716,6	624,0	569,5	536,5	512,9	485,7
Circular Random	730,0	593,6	520,7	478,0	451,1	432,9	409,1
Ocean for PCS	902,0	700,6	586,6	516,2	470,0	437,5	392,6
Non Spinnaker	760,1	615,5	537,5	491,2	461,8	441,7	415,0

Sails Limitations

Headsails	Spinnakers
7	5

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	42,4°	42,4°	40,8°	39,0°	37,8°	37,3°	36,5°
Beat VMG	4,17	4,96	5,53	5,85	6,04	6,17	6,30
52°	6,36	7,51	8,07	8,30	8,44	8,54	8,66
60°	6,77	7,84	8,30	8,55	8,71	8,82	8,97
75°	7,18	8,08	8,52	8,86	9,14	9,32	9,53
90°	7,17	8,08	8,53	8,93	9,30	9,61	10,03
110°	6,61	7,87	8,49	8,99	9,42	9,67	10,15
120°	6,37	7,68	8,34	8,82	9,34	9,84	10,53
135°	5,69	6,95	7,91	8,44	8,89	9,38	10,43
150°	4,78	5,88	6,96	7,86	8,38	8,81	9,74
Run VMG	4,14	5,09	6,03	6,87	7,54	8,14	9,01
Gybe Angles	142,1°	147,8°	148,3°	155,3°	167,5°	180,0°	180,0°

Class Division Length
CDL = **12,003**

Storm Sails Areas

Heavy Weather Jib	45,76
Storm Jib (JL=11,97)	16,95
Storm Trysail	26,32

Owner

BOAT	
Name MYC-ONE	Sail Nr GER-1909
File GER1909	Data in meters/kilograms

INCLINING TEST AND FREEBOARDS		
Inclining Test Current Inclining		
Flotation date 06/10/2014	SG 1,0250	
FFM 1,404	FF 1,404	SFFP 0,560
FAM 1,225	FA 1,225	SAFP 13,244
W1 140,0	PD1 510,0	WD 16,400
W2 140,0	PD2 510,0	GSA 1,0
W3 140,0	PD3 510,0	RSA 1,0
W4 140,0	PD4 510,0	PLM 9000,0
LCF from stem on CL / on sheer		7,557 / 7,845
Maximum beam station from stem		8,728
RM Measured		354,5kg·m
RM Default		338,5kg·m
Limit of positive stability / Stab.Index		123,9° / 126,8
Freeboard at mast at 5,366		1,332



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IMS Measurement Certificate

RIG				
Forestay Tension Aft	Spreaders 4			
Inner Stay None Fitted	Runners 2			
Carbon Mast No	Jumper Struts Yes			
Taper Hollows Yes	Jib Furler No			
Fiber Rigging No	Main Furler No			
Lenticular Rigging No	Without Backstay No			
Articulated Bowsprit No				
P 19,840	E 7,580	MDT1 0,127	MW 0,187	
IG 18,373	J 5,335	MDL1 0,245	GO 0,198	
ISP 18,434	SFJ 0,031	MDT2 0,110	BD 0,335	
BAS 2,091	SPL 5,335	MDL2 0,121	MWT 312,00	
FSP 0,073	TPS	TL 4,600	MCG 6,145	

Certificate

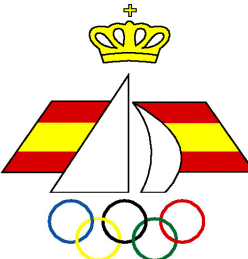
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MIZZEN RIG AND SAILS	
N/A	

PROPELLER		
Installation Strut	PRD 0,300	
Type Folding 2 blades	PBW	
Twin Screw No	PIPA 0,0042	
ST1 0,048	ST3 0,170	ST5 0,410
ST2 0,170	ST4 0,112	EDL 0,870

COMMENTS	

MOVEABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS (Maximum Areas)						
Mainsail	MHB	MUW	MTW	MHW	MQW	Area Area (r) Formula
	0,210	1,58	2,86	4,92	6,37	89,61 91,81 $P/8 \cdot (E + 2 \cdot MQW + 2 \cdot MHW + 1.5 \cdot MTW + MUW + 0.5 \cdot MHB)$
Symmetric	SLU	SLE	SL	SHW	SFL	Area Formula
	18,15	18,15	18,15	9,60	9,50	144,90 $SL \cdot (SFL + 4 \cdot SHW) / 6$
Asymmetric	SLU	SLE	SL	SHW	SFL	Area Formula
	19,30	16,80	18,05	11,13	8,67	160,01 $AS \cdot (SFL + 4 \cdot SHW) / 6$

HEADSAILS													
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
0,12	0,99	1,90	3,84	5,85	8,03	18,38	72,13						

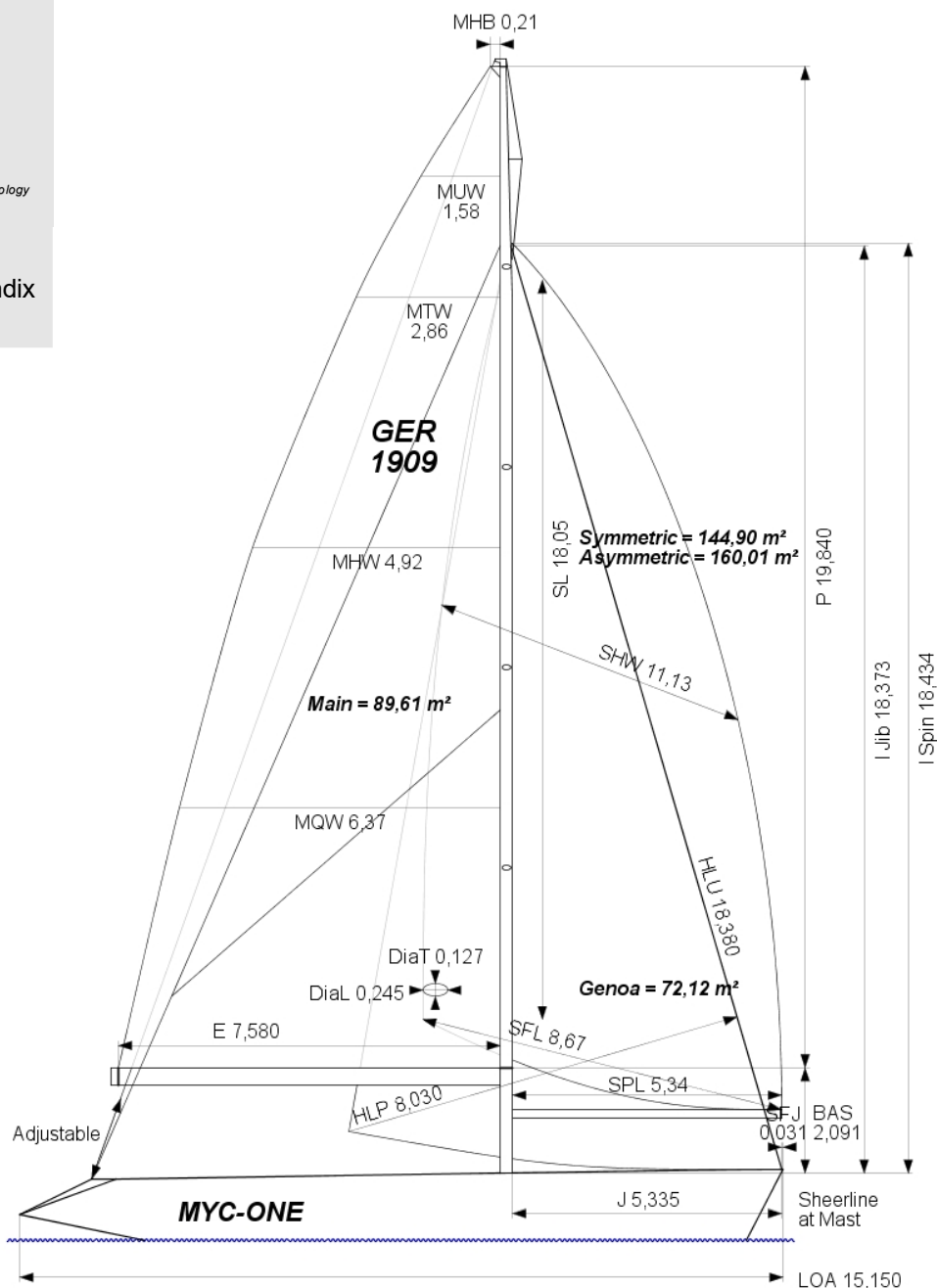
MEASUREMENT INVENTORY				
Measurer Tacha Montaner ESP-222				
Date 06/10/2014				
Comment				
Id	Item	Weight	Distance	VCG Description
Id	Item	Weight	Distance	Description

MEASUREMENT INVENTORY									
Id	Item	Tank	Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description
1	Tank	Fuel		steel	40,0	7,57	0,00	40,0	
Id	Item	Weight	Distance	VCG	Description				



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Sail Plan



SAILS INVENTORY

MAINSAIL (1)

Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment
001	0,210	1,58	2,86	4,92	6,37	89,61	jjbeltran				

HEADSAILS (1)

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
001	0,12	0,99	1,90	3,84	5,85	8,03	18,38	151%	72,13							

SYMMETRIC SPINNAKERS (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment
ORC	18,15	18,15	18,15	9,60	9,50	144,90					

ASYMMETRIC SPINNAKERS (1)

Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment
A1	19,30	16,80	18,05	11,13	8,67	160,01	asym				Unknown	Prueba