

BOAT Name MYC-ONE Sail Nr GER-1909	GPH 535,4	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 0,488% 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 11,839m VCGM -0,188m WS 38,86m² LSM0 12,105m Displacement/Length ratio 6,3024



2016
ORC International
Certificate

Rating Office
R.F.E.V.
Luis de salazar,9
28002 Madrid



SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	PLT	PLD		PLT	PLD	
Time On Distance	524,2			585,5		
Time On Time	1,1446			1,1528		
Performance Line	1,216	200,9		1,005	219,2	
Triple Number	Low 1,1121	Medium 1,4137	High 1,5941	Low 0,8529	Medium 1,1422	High 1,3325

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	864,1	726,1	650,4	613,7	592,8	580,3	566,3
52°	566,4	479,1	446,2	433,6	426,2	420,9	414,0
60°	531,7	458,9	433,4	421,0	412,9	407,4	401,6
75°	500,9	444,9	422,0	405,8	393,3	385,8	377,5
90°	500,9	445,2	421,5	402,9	386,8	374,2	358,9
110°	544,1	457,1	424,1	400,5	382,2	372,0	354,4
120°	565,0	468,7	431,5	408,1	385,5	365,7	341,6
135°	632,3	517,9	455,2	426,7	404,9	383,7	345,2
150°	752,3	612,3	517,0	458,0	429,5	408,5	369,7
Run VMG	868,7	707,0	596,9	523,8	477,3	442,1	399,6

Selected Courses	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Windward / Leeward	866,4	716,5	623,7	568,7	535,1	511,2	482,9
Circular Random	729,9	593,4	520,3	477,4	450,3	431,8	407,5
Ocean for PCS	724,5	584,5	508,1	462,5	432,9	411,8	381,1
Non Spinnaker	759,3	614,8	536,7	490,4	460,8	440,5	413,2

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	42,5°	42,5°	40,6°	38,8°	37,5°	36,7°	35,9°
Beat VMG	4,17	4,96	5,53	5,87	6,07	6,20	6,36
52°	6,36	7,51	8,07	8,30	8,45	8,55	8,70
60°	6,77	7,84	8,31	8,55	8,72	8,84	8,96
75°	7,19	8,09	8,53	8,87	9,15	9,33	9,54
90°	7,19	8,09	8,54	8,93	9,31	9,62	10,03
110°	6,62	7,88	8,49	8,99	9,42	9,68	10,16
120°	6,37	7,68	8,34	8,82	9,34	9,84	10,54
135°	5,69	6,95	7,91	8,44	8,89	9,38	10,43
150°	4,79	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°	167,6°	180,0°	180,0°

Certificate
Number **190901**
ORC Ref **ESP00015685**
Issued On **26/01/2016**
VPP Ver. **2016 1.00**
Valid until **31/12/2016**

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

Special Scoring

	ToD	ToT
Double H.GPH	538,2	1,1149
Double H.OSN	528,0	1,1363
Non Spin GPH	552,6	1,0858
Non Spin OSN	541,7	1,1077
N/S Perf. Line	149,4	1,064

Sails Limitations

Headsails	Spinnakers
7	4

Class Division Length
CDL = **12,032**

Storm Sails Areas

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

Owner

BOAT	
Name MYC-ONE	Sail Nr GER-1909
File GER1909.dxt	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 140,00	PD1 510,0	WD 16,400
W2 140,00	PD2 510,0	GSA 1,0
W3 140,00	PD3 510,0	RSA 1,0
W4 140,00	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		339,4kg·m
Limit of positive stability / Stab.Index		123,9° / 126,8
Freeboard at mast at 5,366		1,332



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Measurements Datasheet

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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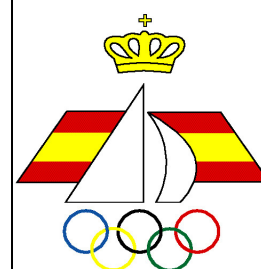
MIZZEN RIG AND SAILS	
N/A	

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 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric	SLU	SLE	SL	SHW	SFL			SL · (SFL + 4·SHW) / 6	
	18,15	18,15	18,15	9,60	9,50	144,90			
Asymmetric	SLU	SLE	SL	SHW	SFL			AS · (SFL + 4·SHW) / 6	
	19,30	16,80	18,05	11,13	8,67	160,01			

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
0,08	0,99	2,01	4,05	6,11	7,77	18,30	73,28			12/02/2015		

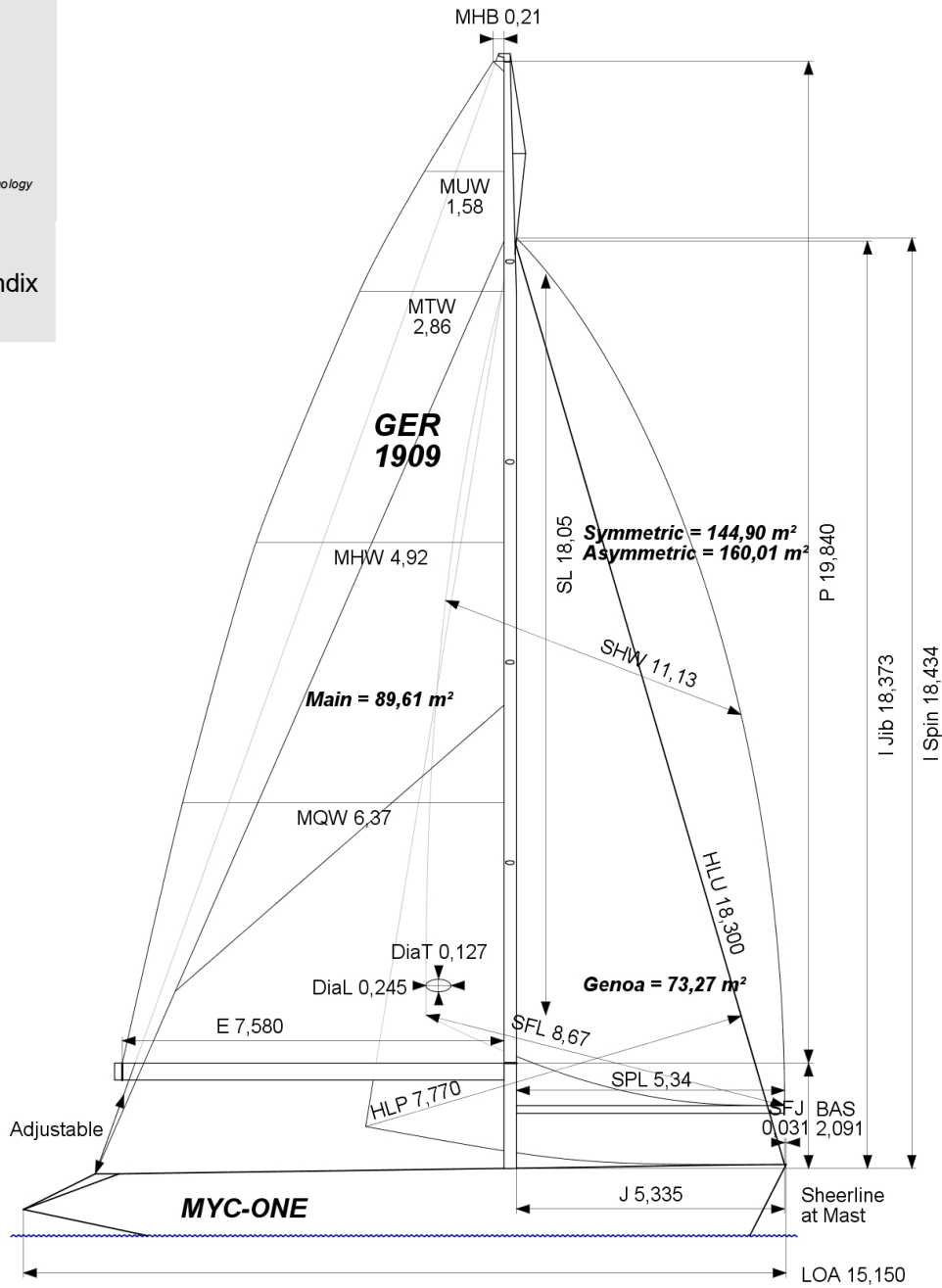
MEASUREMENT INVENTORY				
Measurer Tacha Montaner ESP-222				
Date 06/10/2014				
Comment				
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Description</i>	

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



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Sail Plan



SAILS INVENTORY

MAINSAIL

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	jibeltran				

HEADSAILS

Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
G1	0,08	0,99	2,01	4,05	6,11	7,77	18,30	146%	73,28			ONE	12/02/2015			

SYMMETRIC SPINNAKERS

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

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