

BOAT Name ANITA Sail Nr CHI-122	GPH 580,1	HULL Length Overall 12,190m Maximum Beam 3,638m Displacement 7.287kg Draft 2,233m IMS Reg. Division Cruiser/Racer Dynamic Allowance 0,106% Fwd Accommodation Yes Hull Construction Cored Carbon Rudder No Crew Arm Extension
GENERAL Class J-122 Designer JOHNSTONE Builder J BOATS Series 01/2007 Age 01/2016 Age Allowance 0,390% Offset File US42407.OFF - 27/05/2014 12:43:22 Measurement by - 03/10/2017		IMSLS 11,117m VCGD -0,076m Sink 23,08kg/mm RL 9,716m VCGM -0,107m WS 30,85m² LSM0 10,994m Displacement/Length ratio 5,4838



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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	564,6			634,5		
Time on Time	1,0626			1,0638		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	658,2	514,8	465,5	850,3	635,2	563,2
Time on Time	1,0255	1,3113	1,4499	0,7938	1,0627	1,1985

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	982,6	808,6	715,8	677,4	661,5	654,5	638,8
52°	642,7	538,8	490,2	472,9	466,5	463,4	457,0
60°	607,2	515,2	476,5	460,8	454,0	450,4	445,7
75°	580,1	499,3	466,7	449,8	438,1	430,7	424,3
90°	585,3	491,5	465,9	447,2	431,8	417,8	398,1
110°	573,5	481,4	448,7	431,1	419,3	407,9	386,4
120°	585,9	488,0	451,4	426,8	404,7	390,6	367,8
135°	654,2	526,5	469,1	441,8	416,7	391,4	341,4
150°	774,8	619,6	523,7	473,3	452,3	433,4	391,1
Run VMG	894,7	715,5	604,7	546,2	519,6	484,3	438,8

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Crew Weight
Default **788kg**
Maximum **590kg**
Minimum* **443kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	586,3	1,0234
Double H.OSN	571,9	1,0492
Non Spin GPH	620,1	0,9676
Non Spin OSN	603,2	0,9947

Selected Courses							
Windward / Leeward	938,6	762,0	660,3	611,8	590,6	569,4	538,8
Circular Random	793,0	642,1	562,8	518,0	491,1	473,2	447,9
Coastal / Long Distance	934,2	715,3	596,9	534,0	502,4	475,2	429,9
Non Spinnaker	867,5	694,5	600,6	545,6	511,5	489,1	460,3

Sails Limitations

Headsails	Spinnakers
6	4

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	42,9°	41,6°	40,7°	39,5°	38,7°	38,5°	38,4°
Beat VMG	3,66	4,45	5,03	5,31	5,44	5,50	5,64
52°	5,60	6,68	7,34	7,61	7,72	7,77	7,88
60°	5,93	6,99	7,56	7,81	7,93	7,99	8,08
75°	6,21	7,21	7,71	8,00	8,22	8,36	8,49
90°	6,15	7,33	7,73	8,05	8,34	8,62	9,04
110°	6,28	7,48	8,02	8,35	8,59	8,83	9,32
120°	6,14	7,38	7,98	8,43	8,89	9,22	9,79
135°	5,50	6,84	7,67	8,15	8,64	9,20	10,54
150°	4,65	5,81	6,87	7,61	7,96	8,31	9,21
Run VMG	4,02	5,03	5,95	6,59	6,93	7,43	8,21
Gybe Angles	143,6°	146,7°	148,2°	150,7°	152,3°	175,9°	177,5°

Class Division Length
CDL = **10,417**

Storm Sails Areas

Heavy Weather Jib	37,58
Storm Jib (JL=10,85)	13,92
Storm Trysail	14,63

Owner

BOAT	
Name ANITA	Sail Nr CHI-122
File CHI122	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 15,650	E 5,340 MDT1 0,127 MW 0,220
IG 16,520	J 4,600 MDL1 0,245 GO 0,265
ISP 17,600	SFJ 0,320 MDT2 0,102 BD 0,220
BAS 1,700	SPL 0,000 MDL2 0,170 MWT 169,00
FSP 0,068	TPS 6,550 TL 1,200 MCG 6,050

INCLINING TEST AND FREEBOARDS		
Inclining Test Boom Inclining	LCFD	
Flotation date 28/09/2017	SG 1,0260	
FFM 1,339	FF 1,345	SFFP 0,300
FAM 0,995	FA 0,991	SAFP 11,850
W1 118,8	PD1 245,3	WD 4,920
W2 118,8	PD2 244,8	GSA 1,0
W3 118,8	PD3 247,1	RSA 1,0
W4 118,8	PD4 245,1	PLM 9000,0
LCF from stem on CL / on sheer	6,719 / 6,943	
Maximum beam station from stem	7,800	
RM Measured	187,4kg-m	
RM Default	184,8kg-m	
Limit of positive stability / Stab.Index	121,9° / 126,3	
Freeboard at mast at 4,920	1,143	



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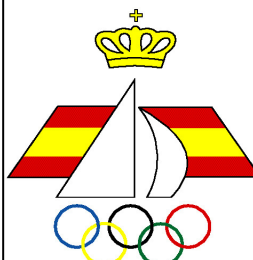
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MIZZEN RIG AND SAILS	
N/A	

PROPELLER		
Installation Strut	PRD 0,440	
Type Folding 2 blades	PBW 0,120	
Twin Screw	PIPA 0,0040	
ST1 0,065	ST3 0,180	ST5 0,305
ST2 0,180	ST4 0,110	EDL 2,150

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COMMENTS	

MOVABLE BALLAST	
N/A	

CENTERBOARD	
N/A	

SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0,140	1,12	1,96	3,35	4,38	48,77	49,62	P/8 · (E + 2·MQW + 2·MHW + 1.5·MTW + MUW + 0.5·MHB)	
Symmetric Not Available									
Asymmetric on centerline	SLU	SLE	SL	SHW	SFL	Area	Formula		
	19,90	16,10	18,00	10,45	10,20	156,00	AS · (SFL + 4·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
0,10	0,77	1,44	2,64	3,83	5,03	16,47	42,96	Y			Unknow	
0,08	0,73	1,37	2,58	3,79	5,03	16,51	42,41	Y	07/08/2018	Unknow	PESADO	
0,11	0,76	1,42	2,61	3,81	4,98	16,25	42,01	Y	21/09/2018	Unknow	MEDIO	
0,06	0,46	0,89	1,84	2,91	4,05	16,01	30,94	Y	21/09/2018	Unknow	JTOP	

MEASUREMENT INVENTORY				
Measurer ESP 295				
Date 28/09/2017				
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>	

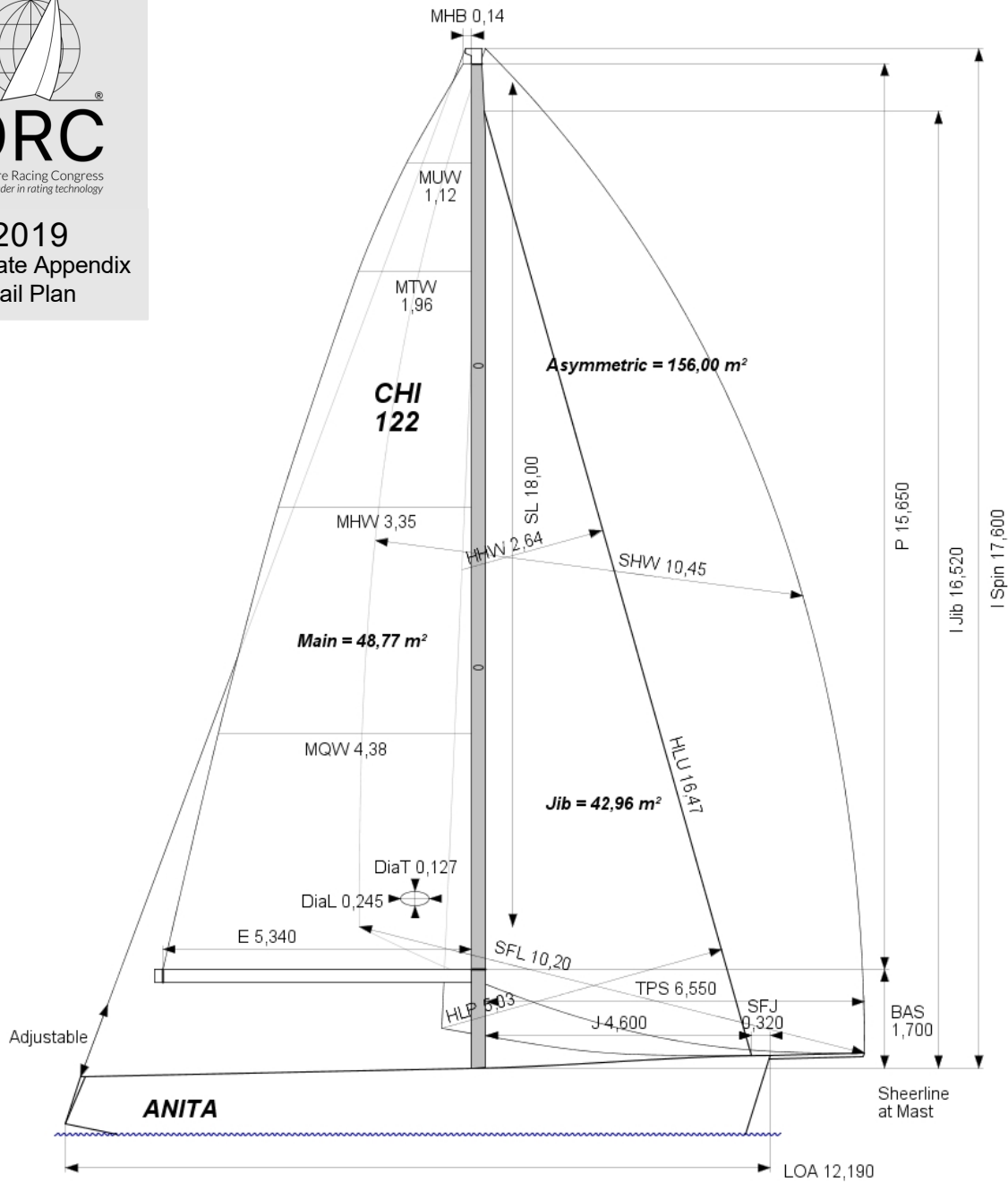
MEASUREMENT INVENTORY									
<i>Id</i>	<i>Item</i>	<i>Tank Use</i>	<i>Tank Type</i>	<i>Capcty</i>	<i>Dist.</i>	<i>VCG</i>	<i>Condtn</i>	<i>Description</i>	
001	Tank	GASOIL	PVC				20,0		
<i>Id</i>	<i>Item</i>	<i>Weight</i>	<i>Distance</i>	<i>VCG Description</i>					



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SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
3	0,14	1,12	1,96	3,35	4,38	48,77		01/10/2018	NS	Unknown						
HEADSAILS (4)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
004	0,10	0,77	1,44	2,64	3,83	5,03	16,47	109%	42,96	Y						Unknow
001	0,08	0,73	1,37	2,58	3,79	5,03	16,51	109%	42,41	Y			07/08/2018	NS		Unknow PESADO
002	0,11	0,76	1,42	2,61	3,81	4,98	16,25	108%	42,01	Y			21/09/2018	NS		Unknow MEDIO
003	0,06	0,46	0,89	1,84	2,91	4,05	16,01	88%	30,94	Y			21/09/2018	NS		Unknow JTOP
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (3)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				
A2	19,90	16,10	18,00	10,45	10,20	156,00	asym		20/07/2018	NS	Unknown					
A4	19,75	15,92	17,84	10,68	9,76	156,00	asym		23/07/2018	NS	Unknown					
A1.5	19,00	16,66	17,83	10,34	10,95	155,45	asym		05/05/2018	NS	Nylon	OSP2701-001				