

BOAT Name Teamwork Sail Nr USA 52939	GPH 576.5	HULL Length Overall 12.190m Maximum Beam 3.638m Displacement 7,147kg Draft 2.226m IMS Reg. Division Cruiser/Racer Dynamic Allowance 0.112% Fwd Accommodation Yes Hull Construction Cored Carbon Rudder No Crew Arm Extension
GENERAL Class J-122 Designer J Boats Builder JEurope Series 01/2006 Age 01/2007 Age Allowance 0.422% Offset File US6179.OFF - 12/03/2018 17:02:00 Measurement by - 19/04/2017		IMSL 11.093m VCGD -0.004m Sink 23.05kg/mm RL 10.018m VCGM -0.028m WS 30.77m² LSM0 10.976m Displacement/Length ratio 5.4049



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SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	560.8			629.3		
Time on Time	1.0699			1.0727		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	655.4	511.4	460.8	847.1	630.1	556.6
Time on Time	1.0299	1.3199	1.4647	0.7968	1.0713	1.2127

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	979.1	804.9	708.1	667.1	650.3	642.5	625.8
52°	639.5	536.5	487.7	470.0	463.3	460.0	454.1
60°	603.2	513.1	474.9	458.8	451.2	447.2	442.9
75°	575.7	497.3	465.7	448.2	435.6	427.1	419.9
90°	581.8	488.9	463.1	446.1	429.8	414.7	393.8
110°	569.9	479.9	447.3	428.0	414.7	404.3	382.1
120°	582.8	486.3	450.3	424.9	401.4	385.9	363.8
135°	651.7	524.9	468.3	440.9	415.2	389.5	337.9
150°	772.1	617.7	522.5	472.7	451.8	432.4	388.6
Run VMG	891.5	713.2	603.3	545.4	518.9	483.1	437.7

Certificate
Number **US6179**
ORC Ref **USAX020CUOO**
Issued On **20/02/2019**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight
Default **786kg**
Maximum **840kg**
Minimum* **630kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring
ToD ToT
Non Spin GPH **616.5 0.9732**
Non Spin OSN **599.4 1.0010**

Selected Courses							
Windward / Leeward	935.3	759.1	655.7	606.3	584.6	562.8	531.8
Circular Random	789.1	638.7	559.3	514.3	487.0	468.7	442.6
Coastal / Long Distance	930.9	712.5	593.3	530.0	498.1	470.5	425.7
Non Spinnaker	863.6	691.1	597.3	542.0	507.5	484.6	454.3

Sails Limitations
Headsails **6** Spinnakers **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	42.8°	41.3°	40.4°	39.0°	38.1°	38.0°	37.4°
Beat VMG	3.68	4.47	5.08	5.40	5.54	5.60	5.75
52°	5.63	6.71	7.38	7.66	7.77	7.83	7.93
60°	5.97	7.02	7.58	7.85	7.98	8.05	8.13
75°	6.25	7.24	7.73	8.03	8.26	8.43	8.57
90°	6.19	7.36	7.77	8.07	8.38	8.68	9.14
110°	6.32	7.50	8.05	8.41	8.68	8.91	9.42
120°	6.18	7.40	7.99	8.47	8.97	9.33	9.90
135°	5.52	6.86	7.69	8.16	8.67	9.24	10.65
150°	4.66	5.83	6.89	7.62	7.97	8.32	9.26
Run VMG	4.04	5.05	5.97	6.60	6.94	7.45	8.22
Gybe Angles	143.6°	146.8°	148.3°	150.8°	152.4°	176.0°	177.5°

Class Division Length
CDL = **10.557**

Storm Sails Areas
Heavy Weather Jib **39.73**
Storm Jib (JL=11.16) **14.72**
Storm Triesail **14.68**

Owner

BOAT	
Name Teamwork	Sail Nr USA 52939
File US6179	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 5.360 MDT1 0.130 MW 0.205
IG 17.080	J 4.570 MDL1 0.255 GO 0.225
ISP 17.600	SFJ 0.300 MDT2 0.130 BD 0.220
BAS 1.745	SPL 0.000 MDL2 0.188 MWT
FSP 0.064	TPS 6.420 TL 1.920 MCG

INCLINING TEST AND FREEBOARDS		
Inclining Test Current Inclining		
Flotation date 19/04/2017	SG 1.0140	
FFM 1.368	FF 1.372	SFFP 0.300
FAM 0.980	FA 0.983	SAFP 11.850
W1 93.5	PD1 573.0	WD 13.865
W2 93.5	PD2 574.0	GSA 1.0
W3 93.5	PD3 570.0	RSA 1.0
W4 93.5	PD4 572.0	PLM 9000.0
LCF from stem on CL / on sheer	6.776 / 6.996	
Maximum beam station from stem	7.800	
RM Measured	178.4kg-m	
RM Default	183.6kg-m	
Limit of positive stability / Stab.Index	118.0° / 122.1	
Freeboard at mast at 4.870	1.157	



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MIZZEN RIG AND SAILS	
N/A	

PROPELLER		
Installation Strut	PRD 0.420	
Type Folding 3 blades	PBW 0.110	
Twin Screw No	PIPA 0.0033	
ST1 0.048	ST3 0.170 ST5 0.290	
ST2 0.170	ST4 0.098 EDL 2.400	

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COMMENTS

MOVABLE BALLAST	
N/A	

BILGEBOARD		
BS	BT	BA
BF	BX	
BC	BY	



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SAILS (Maximum Areas)									
Mainsail	MHB	MUW	MTW	MHW	MQW	Area	Area (r)	Formula	
	0.170	1.11	1.98	3.47	4.48	49.74	50.68	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	AS · (SFL + 4·SHW) / 6		
	19.81	16.69	18.25	10.17	10.23	154.85			

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	0.64	1.23	2.47	3.77	5.07	16.38	41.15					

MEASUREMENT INVENTORY				
Measurer	Date	Comment		
Id	Item	Weight	Distance	VCG Description
a	Ancher	0.0	0.00	
Id	Item	Weight Description		

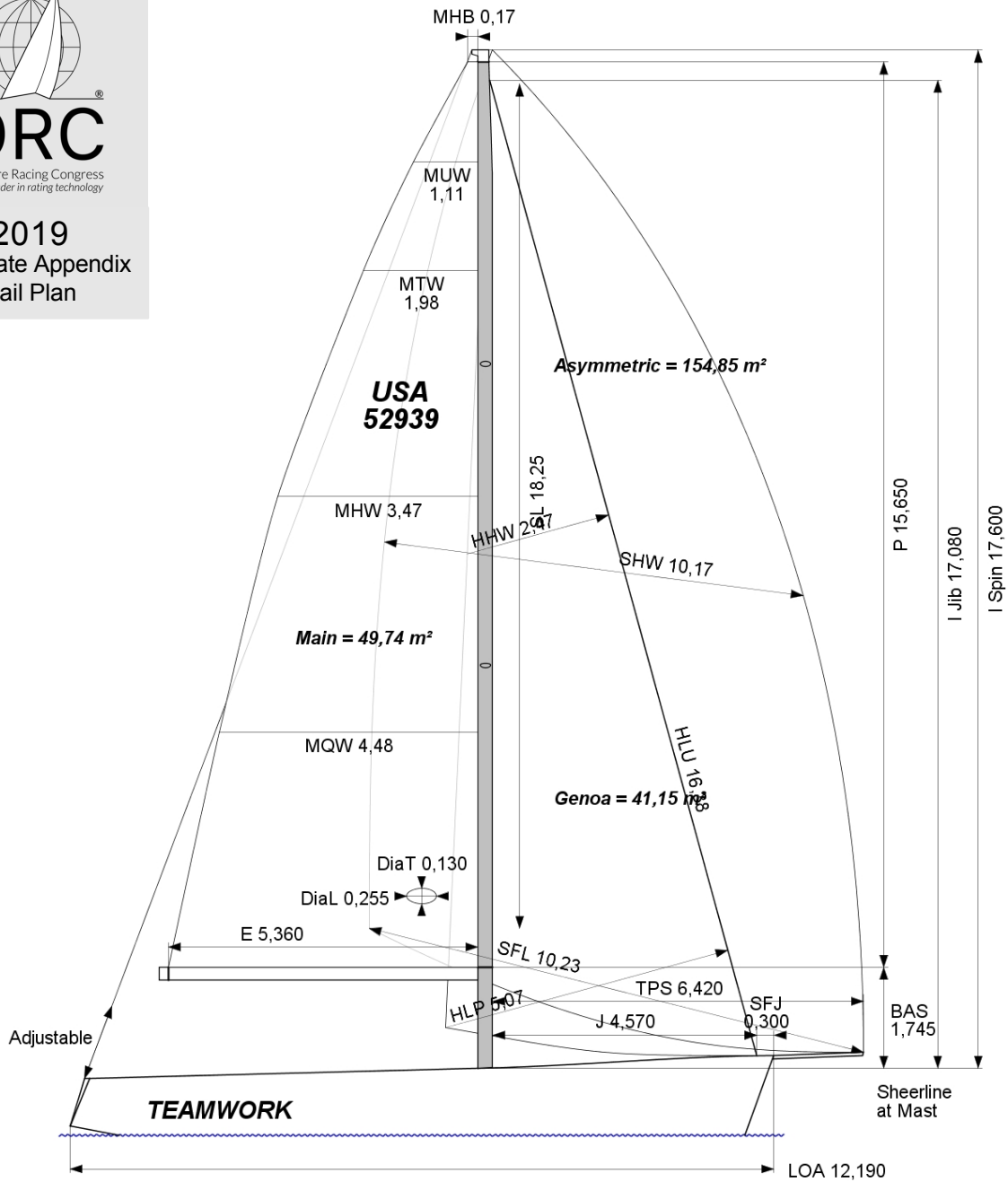
MEASUREMENT INVENTORY									
Id	Item	Tank	Use	Tank Type	Capcty	Dist.	VCG	Condtn	Description
		Tank				0.00	0.00	0-0	
Id	Item	Weight	Distance	VCG Description					



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Sail Plan



SAILS INVENTORY																
MAINSAIL (1)																
Id	MHB	MUW	MTW	MHW	MQW	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
1622166	0.17	1.11	1.98	3.47	4.48	49.74					Remeasured					
HEADSAILS (1)																
Id	HHB	HUW	HTW	HHW	HQW	HLP	HLU	Ovrlp	Area	Btn	Fly	Measurer	Meas.Date	Manufacture	Material	Comment
1574024	0.08	0.64	1.23	2.47	3.77	5.07	16.38	111%	41.15							
SYMMETRIC SPINNAKERS (0)																
Id	SLU	SLE	SL	SHW	SFL	Area	Measurer	Meas.Date	Manufacture	Material	Comment					
ASYMMETRIC SPINNAKERS (1)																
Id	SLU	SLE	SL	SHW	SFL	Area	Kind	Measurer	Meas.Date	Manufacture	Material	Comment				
1574042	19.81	16.69	18.25	10.17	10.23	154.86	asym									