



World Leader in Rating Technology

2014 ORC Club Certificate

Rating Office
jeanlouisconti
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Certificate

Number **14190a**
Issued On **13/08/2014**
ORC Ref **FRA00010175**
VPP Ver. **2014 1.01**
Valid until **28/02/2015**

Crew Weight

Declared **416 kg**
Default* **416 kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	660.6	0.9082
Double H.OSN	644.4	0.9311
Non Spin GPH	709.6	0.8455
Non Spin OSN	683.1	0.8783
N/S Perf. Line	42.3	0.663

Sails Limitations

Genoas **0** Spinnakers **3**
Jibs **4**

Spinnaker configuration

Symmetric: **No**
Asymmetric: **Yes** **57.64**
Flying H/S: **No**
Spin_Pole: **No**

Stability

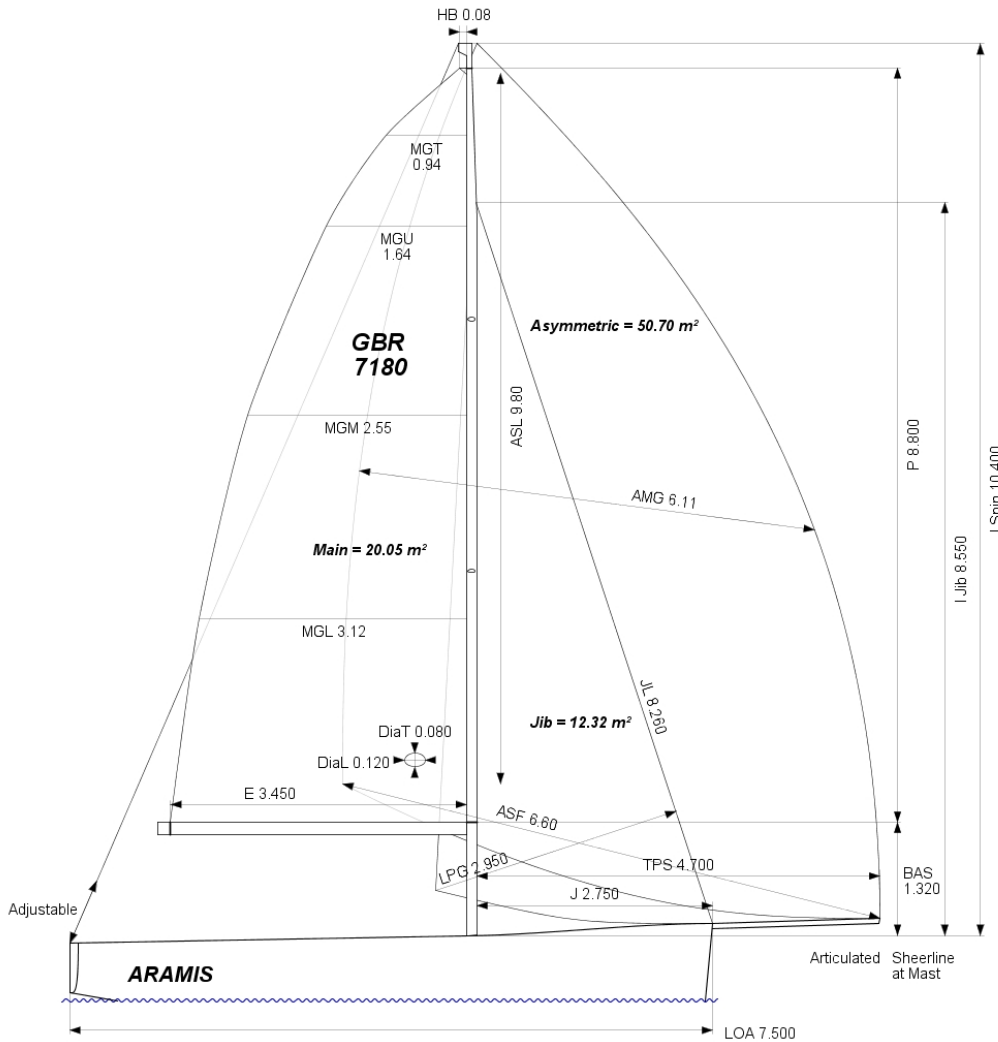
LPS (Estimated): **107.4°**
Stability Index: **99.4**
OSR Category: **N/A**

Owner

CHANET Alain
41 Rue du Val d'Or,
92210 - SAINT CLOUD

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature



BOAT		GPH		HULL			
Name	ARAMIS	648.6	Data File	GBR7180.dxt	LOA	7.500 m	
Sail Nr	GBR-7180		Offset File	CLBULL.OFF	MB	2.458 m	
			Displacement	1,081 kg	Draft	1.697 m	
CLASS		IMS Division		Sportboat	Dynamic All.	0.187%	
Class	BULL 7000	Fwd Accom.	Yes	Construction	Cored		
Designer	YOUNG Greg	Fiber Rigging	No	Aramid Core	No		
Builder	TOPPER	Crew Arm Ex	0.00	Carbon Rudder	No		
Series	03/1998			Light Stanchions	No		
Age Date		IMS L	7.258	Wetted Area	11.73 m²	VCGM	-0.046
Age Allowance	0.488%						
COMMENTS		CENTERBOARD					
From SUI7009.dxt		N/A					
PROPELLER							
Type No Propeller							
SCORING OPTIONS							
	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD			
Time On Distance	629.8			709.2			
Time On Time	0.9527			0.9518			
Performance Line	PLT	PLD		PLT	PLD		
	0.763	66.8		0.824	216.9		
Triple Number	Low	Medium	High	Low	Medium	High	
	0.9047	1.1698	1.3607	0.6943	0.9458	1.1055	



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ORC Club Certificate Appendix

BOAT

Name **ARAMIS** Certificate Number **14190a**
 Sail Nr **GBR-7180** Issued On **13/08/2014**

TIME ALLOWANCES

Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1164.3	947.5	827.8	771.5	748.8	737.5	736.5
52°	757.2	627.2	574.9	548.9	536.1	528.4	520.5
60°	710.0	600.3	558.9	527.0	510.0	501.0	492.8
75°	659.5	569.1	543.8	506.3	473.2	457.9	445.7
90°	607.5	543.8	519.3	496.5	466.2	436.6	399.8
110°	615.9	546.0	483.5	444.6	421.2	403.6	370.8
120°	635.7	552.7	499.1	444.7	406.9	386.2	344.8
135°	710.5	591.8	542.8	492.6	441.6	392.5	302.4
150°	852.3	686.5	590.7	541.0	495.0	448.9	355.4
Run VMG	984.1	792.7	675.2	598.4	549.8	506.3	410.4

Selected Courses

Windward / Leeward	1074.2	870.1	751.5	684.9	649.3	621.9	573.5
Circular Random	895.2	723.8	630.3	573.5	535.6	507.7	466.3
Ocean for PCS	954.9	755.7	643.0	571.3	520.5	480.6	417.1
Non Spinnaker	1003.5	799.5	687.3	619.7	575.8	545.1	502.6

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	43.2°	41.9°	40.1°	37.8°	36.5°	35.9°	36.6°
Beat VMG	3.09	3.80	4.35	4.67	4.81	4.88	4.89
52°	4.75	5.74	6.26	6.56	6.72	6.81	6.92
60°	5.07	6.00	6.44	6.83	7.06	7.19	7.31
75°	5.46	6.33	6.62	7.11	7.61	7.86	8.08
90°	5.93	6.62	6.93	7.25	7.72	8.25	9.01
110°	5.84	6.59	7.45	8.10	8.55	8.92	9.71
120°	5.66	6.51	7.21	8.10	8.85	9.32	10.44
135°	5.07	6.08	6.63	7.31	8.15	9.17	11.91
150°	4.22	5.24	6.09	6.65	7.27	8.02	10.13
Run VMG	3.66	4.54	5.33	6.02	6.55	7.11	8.77
Gybe Angles	141.8°	146.9°	156.1°	173.2°	176.2°	174.3°	137.9°