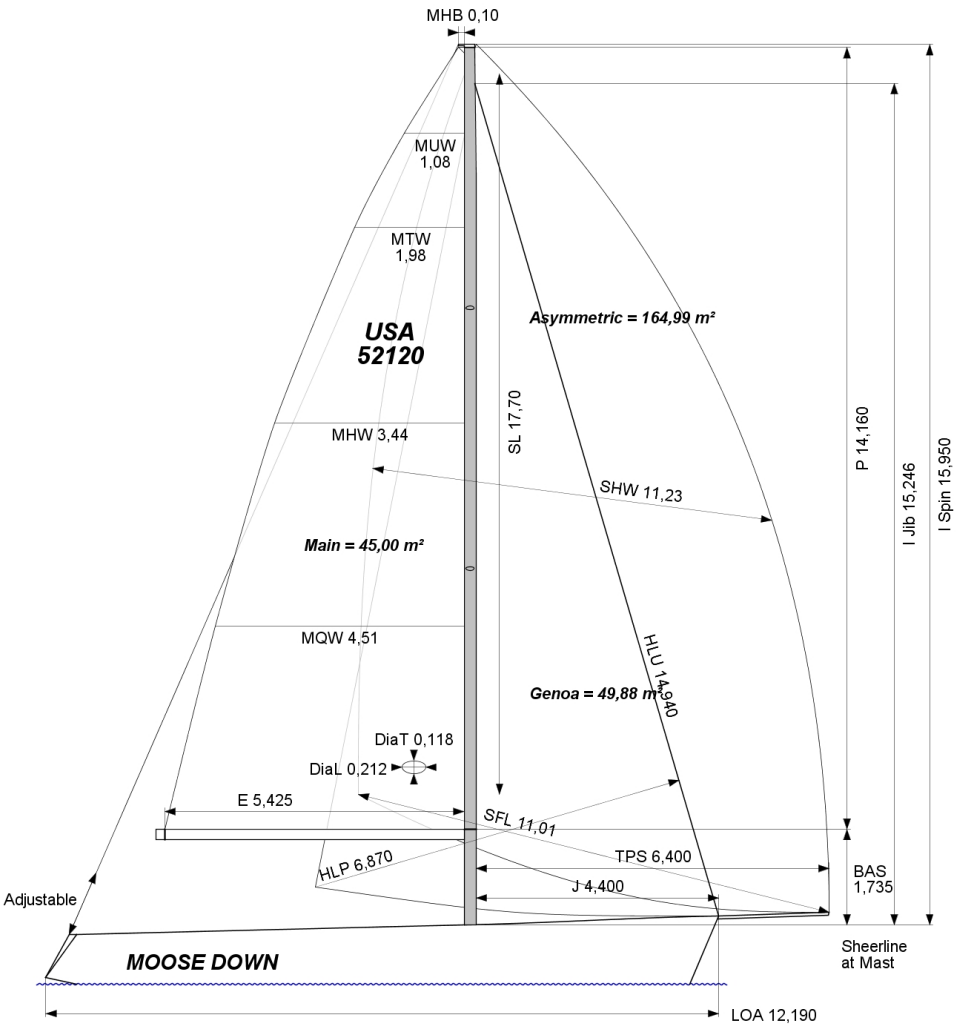

World Leader in Rating Technology

2017
ORC Club Certificate

Rating Office

Offshore Racing Congress

Invalid for Racing

World Leader In Rating Technology

Certificate

Number **US6172**
Issued On **18/04/2017**
ORC Ref **USA00000932**
VPP Ver. **2017 1.00**
Valid until **28/02/2018**

Crew Weight

Declared	**819kg**
Default*	**819kg**
Non Manual Pwr	

Special Scoring

	ToD	ToT
Non Spin GPH	**622.6**	**0.9637**
Non Spin OSN	**606.1**	**0.9899**

Sails Limitations

Headsails **6** Spinnakers **4**

Spinnaker configuration

Symmetric:	**No**	
Asymmetric:	**Yes**	**164.99**
Flying H/S:	**No**	
Spin. Pole:	**No**	

Class Division Length

CDL = **10.467**

Stability (Estimated)

Limit Positive Stab.:	**122.7°**
Stability Index:	**126.4**

Owner

BOAT

Name **Moose Down**
Sail Nr **USA 52120**

GPH

585.8

CLASS

Class	**J 120**
Designer	**Johnstone**
Builder	**TPI**
Series	**01/1994**
Age Date	**06/1994**
Age Allowance	**0.487%**

COMMENTS

SELECT DATA FROM HERON

HULL

Data File	**US6172**	LOA	**12.190m**
Offset File	**US30532.OFF**	MB	**3.670m**
Displacement	**7,002kg**	Draft	**2.169m**
IMS Division	**Cruiser/Racer**	Dynamic All.	**0.098%**
Fwd Accom.	**Yes**	Construction	**Cored**
Fiber Rigging	**No**	Aramid Core	**No**
Crew Arm Ex		Carbon Rudder	**No**
		Light Stanchions	**No**

IMSL	**11.297m**	VCGD	**-0.147m**	Sink	**23.33kg/mm**
RL	**9.636m**	VCGM	**-0.222m**	WS	**30.82m²**
LSM0	**11.299m**	Displacement/Length ratio			**4.8540**

Water Ballast **0** Trim Tab **No**

PROPELLER

Installation	**Shaft exposed**	PRD	**0.428**
Type	**Folding 2 blades**	PBW	**0.135**
		PIPA	**0.0043**

CENTERBOARD

N/A

SCORING OPTIONS

	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	**569.1**			**640.4**		
Time On Time	**1.0542**			**1.0541**		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	**677.4**	**517.1**	**457.6**	**884.3**	**643.2**	**557.4**
Time on Time	**0.9964**	**1.3053**	**1.4750**	**0.7633**	**1.0495**	**1.2110**

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