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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **US6420**
Issued On **31/05/2019**
ORC Ref **USAX028M12L**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default **1,255kg**
Maximum **1,255kg**
Minimum* **941kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	570.6	1.0515
Non Spin OSN	556.3	1.0786

Sails Limitations

Headsails **1** Spinnakers **5**

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 266.69**
Flying H/S: **No**
Spin. Pole: **No**

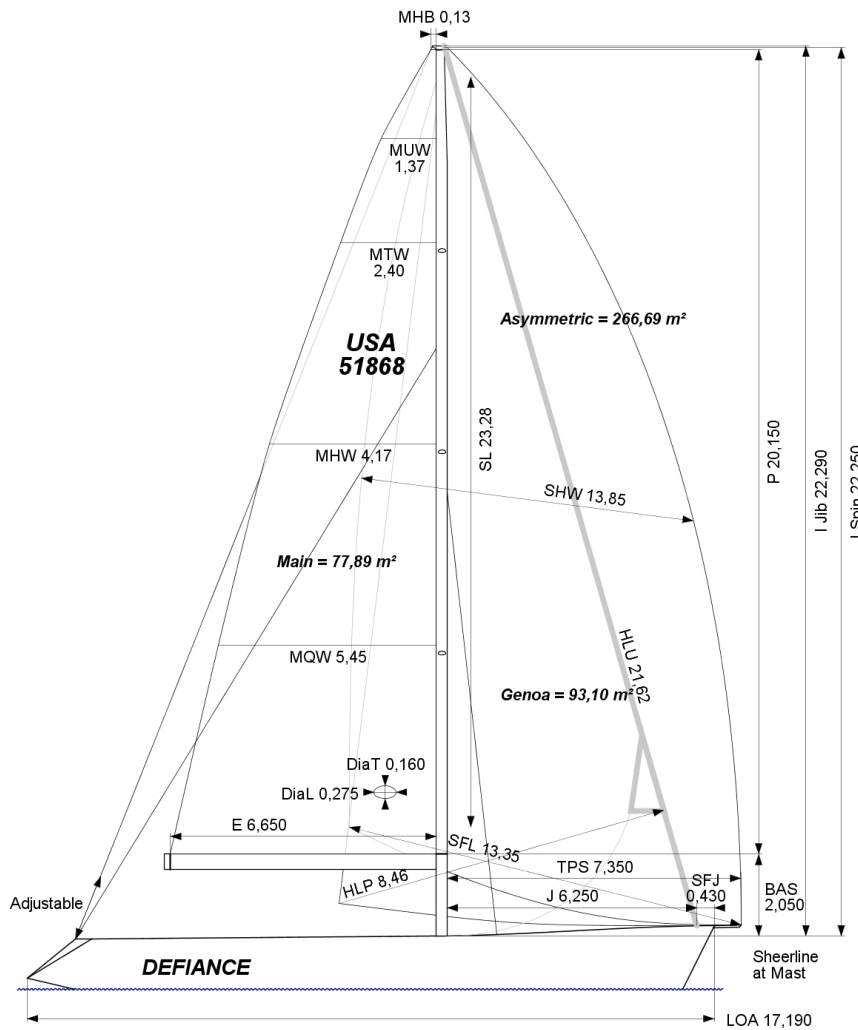
Class Division Length

CDL = 13.407

Stability (Measured)

Limit Positive Stab.: **112.7°**
Stability Index: **124.9**

Owner



BOAT		GPH		HULL		
Name	DEFIANCIE			Data File	US6420	
Sail Nr	USA 51868			Offset File	ISWAN56.OFF	
				Displacement	20,585kg	
				LOA	17.190m	
				MB	4.730m	
				Draft	2.699m	
CLASS		535.6		IMS Division	Performance	
Class	SWAN 56 STND/SHL D			Dynamic All.	0.206%	
Designer	FRERS			Fwd Accom.	Yes	
Builder	NAUTOR			Construction	Cored	
Series	06/1998			Fiber Rigging	No	
Age Date	03/2002			Aramid Core	No	
Age Allowance	0.487%			Carbon Rudder	No	
COMMENTS				Light Stanchions		
				IMSL	15.257m	
				VCGD	-0.006m	
				Sink	41.54kg/mm	
				RL	11.556m	
				VCGM	0.047m	
				WS	56.22m²	
				LSM0	15.233m	
				Displacement/Length ratio	5.8236	
PROPELLER		CENTERBOARD		Water Ballast	0	
Installation	Shaft exposed	PRD	0.655	Trim Tab	No	
Type	Folding 3 blades	PBW	1.590	BLR Index	0.0000	
		PIPA	0.0112			
					NA	
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	521.0			588.7		
Time on Time	1.1515			1.1466		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	622.8	471.0	420.9	813.4	589.7	511.1
Time on Time	1.0838	1.4330	1.6036	0.8299	1.1447	1.3208