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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **US6409**
Issued On **17/05/2019**
ORC Ref **USAX027H5VI**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default **1,266kg**
Maximum **1,266kg**
Minimum* **950kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	563.9	1.0640
Non Spin OSN	550.8	1.0894

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 249.49**
Flying H/S: **No**
Spin. Pole: **No**

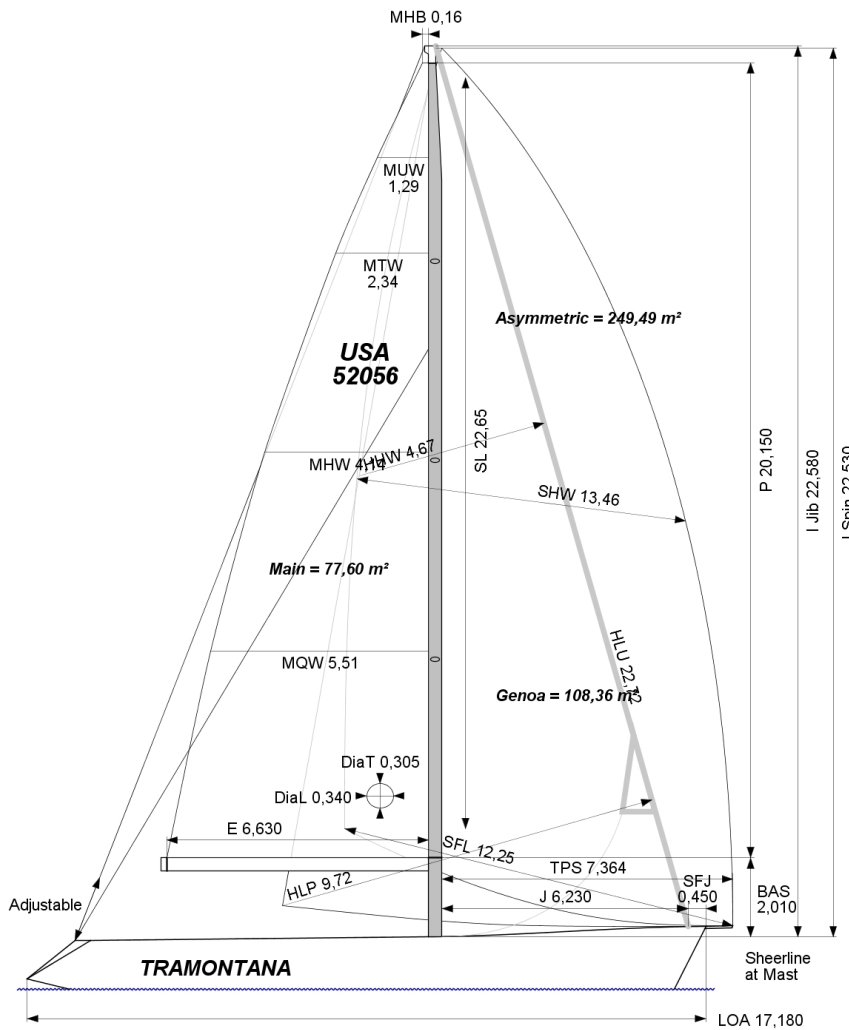
Class Division Length

CDL = 13.454

Stability (Measured)

Limit Positive Stab.: **112.7°**
Stability Index: **125.3**

Owner



BOAT		GPH	HULL			
Name	TRAMONTANA	535.3	Data File	US6409	LOA	17.180m
Sail Nr	USA 52056		Offset File	ISWAN56.OFF	MB	4.730m
CLASS			Displacement	21,255kg	Draft	2.713m
Class	SWAN 56 STND/SHL D		IMS Division	Cruiser/Racer	Dynamic All.	0.129%
Designer	FRERS		Fwd Accom.	Yes	Construction	Cored
Builder	NAUTOR		Fiber Rigging	No	Aramid Core	No
Series	06/1998		Crew Arm Ex	0.00	Carbon Rudder	Yes
Age Date	06/1998				Light Stanchions	
Age Allowance	0.487%		IMSL	15.317m	VCGD	-0.008m
COMMENTS			RL	11.588m	VCGM	0.030m
			WS	56.93m²	LSMO	15.327m
			Displacement/Length ratio	5.9032	Water Ballast	0
			Trim Tab	No	BLR Index	0.0000
PROPELLER			CENTERBOARD			
Installation	Shaft exposed	PRD	0.640	NA		
Type	Feathering 3 blades	PBW	0.165			
		PIPA	0.0100			
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	521.4			589.9		
Time on Time	1.1507			1.1442		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	619.0	471.7	422.7	808.3	591.9	514.4
Time on Time	1.0905	1.4309	1.5969	0.8351	1.1404	1.3122