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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **US6429**
Issued On **10/06/2019**
ORC Ref **USAX029F54U**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default **1,136kg**
Maximum **1,136kg**
Minimum* **852kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	607.3	0.9880
Non Spin OSN	589.9	1.0171

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 219.46**
Flying H/S: **No**
Spin. Pole: **No**

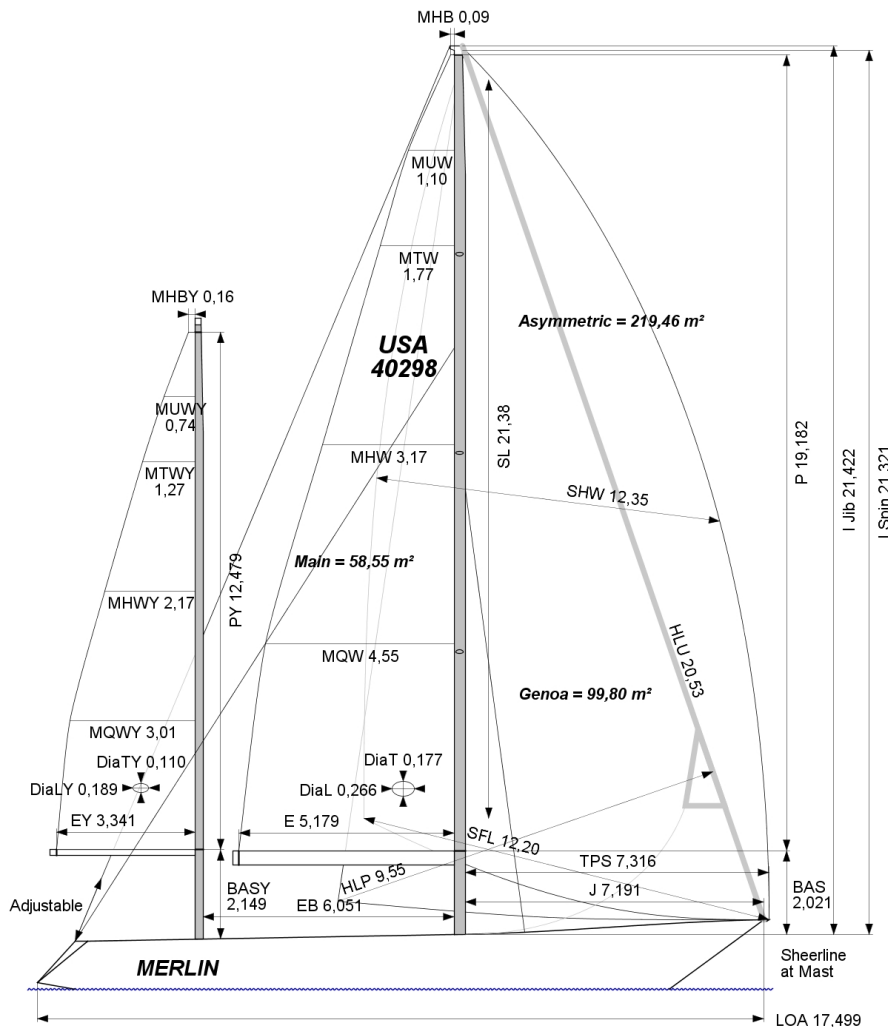
Class Division Length

CDL = 11.932

Stability (Measured)

Limit Positive Stab.: **109.9°**
Stability Index: **122.8**

Owner



BOAT		GPH	HULL	
Name MERLIN Sail Nr USA 40298		579.6	Data File US6429	LOA 17.499m
CLASS			Offset File US16667.OFF	MB 4.834m
Class SWAN 57 CB KTH			Displacement 25,722kg	Draft 3.198m
Designer S&S			IMS Division Performance	Dynamic All. 0.518%
Builder NAUTOR			Fwd Accom. Yes	Construction Solid
Series 06/1985, CIN 32			Fiber Rigging No	Aramid Core No
Age Date 06/1985			Crew Arm Ex 0.00	Carbon Rudder No
Age Allowance 0.487%				Light Stanchions
COMMENTS			IMSL 13.949m	VCGD 0.079m
			RL 9.913m	VCGM 0.063m
			LSM0 14.205m	Displacement/Length ratio 8.9739
			Water Ballast 0	Trim Tab No
			BLR Index 0.0000	
PROPELLER		CENTERBOARD		
Installation Shaft exposed	PRD 0.619	ECM 1.159	CBDA 0.580	CBRC 0.000
Type Feathering 3 blades	PBW 0.159	KCDA 0.000	WCBB 0.0	CBMC 0.000
	PIPA 0.0062	WCBA 189.7	CBDB 0.000	CBTC 0.000

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	562.8			636.2		
Time on Time	1.0661			1.0609		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	677.8	510.0	448.9	879.7	641.5	544.9
Time on Time	0.9958	1.3234	1.5037	0.7673	1.0523	1.2387