



ORC
Offshore Racing Congress
World leader in rating technology

2019
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **US6417**
Issued On **30/05/2019**
ORC Ref **USAX028HC79**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default 776kg
Maximum **776kg**
Minimum* **582kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	651.7	0.9207
Non Spin OSN	635.9	0.9435

Sails Limitations

Headsails **5** Spinnakers **3**

Spinnaker configuration
Symmetric: **Yes** 136.32
Asymmetric: **Yes** 110.62
Flying H/S: **No**
Spin. Pole: **Yes**

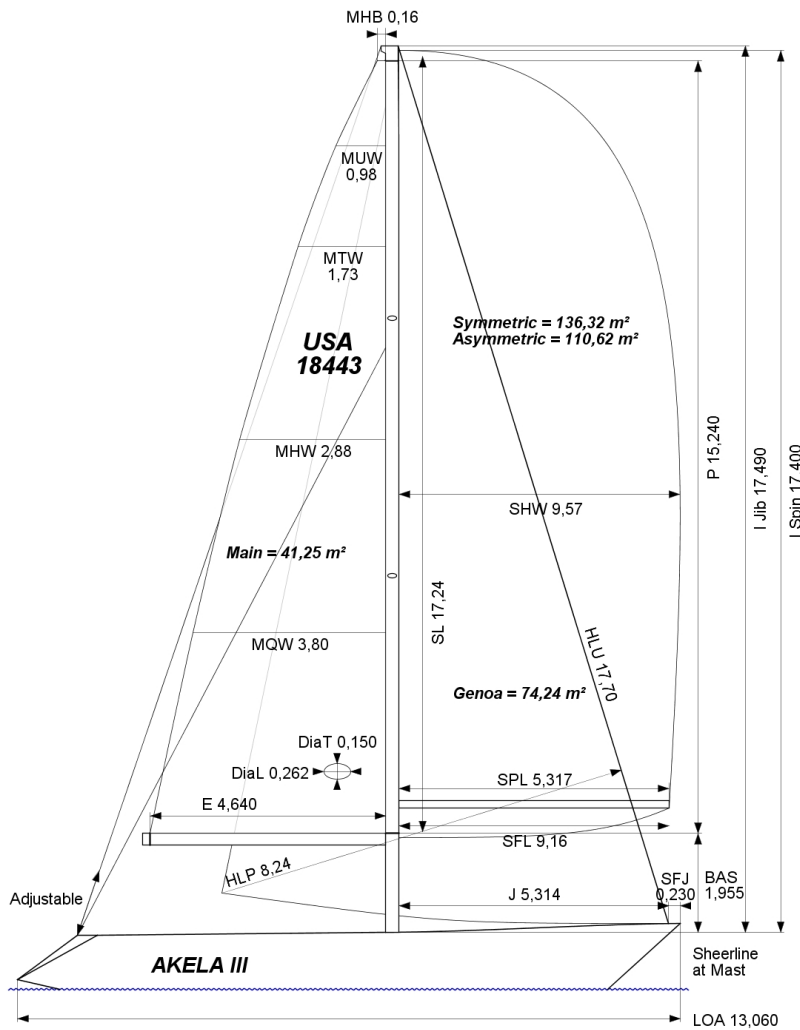
Class Division Length

CDL = 9.402

Stability (Measured)

Limit Positive Stab.: **114.8°**
Stability Index: **122.9**

Owner



BOAT		GPH		HULL			
Name	AKELA III	627.6	Data File	US6417	LOA	13.060m	
Sail Nr	USA 18443		Offset File	US19050.OFF	MB	3.987m	
CLASS		IMMS Division		Performance	Dynamic All.	0.373%	
Class	SWAN 432 (SHOAL DR)	Fwd Accom.	Yes	Construction	Solid		
Designer	R. HOLLAND	Fiber Rigging	No	Aramid Core	No		
Builder	NAUTOR	Crew Arm Ex	0.00	Carbon Rudder	No		
Series	05/1988			Light Stanchions			
Age Date	05/1988	IMSL	10.845m	VCGD	0.011m	Sink	25.95kg/mm
Age Allowance	0.487%	RL	7.957m	VCGM	-0.012m	WS	35.85m²
COMMENTS		LSM0	10.874m	Displacement/Length ratio		9.1703	
PROPELLER		Water Ballast		0	Trim Tab	No	
Installation	Shaft exposed	PRD	0.510	BLR Index		0.0000	
Type	Feathering 3 blades	PBW	0.122	CENTERBOARD			
		PIPA	0.0086	NA			
SCORING OPTIONS							
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD			
Time on Distance	612.2			687.0			
Time on Time	0.9800			0.9826			
Triple Number	Low	Medium	High	Low	Medium	High	
Time on Distance	718.2	556.6	497.2	929.9	694.1	598.1	
Time on Time	0.9398	1.2127	1.3575	0.7259	0.9725	1.1285	