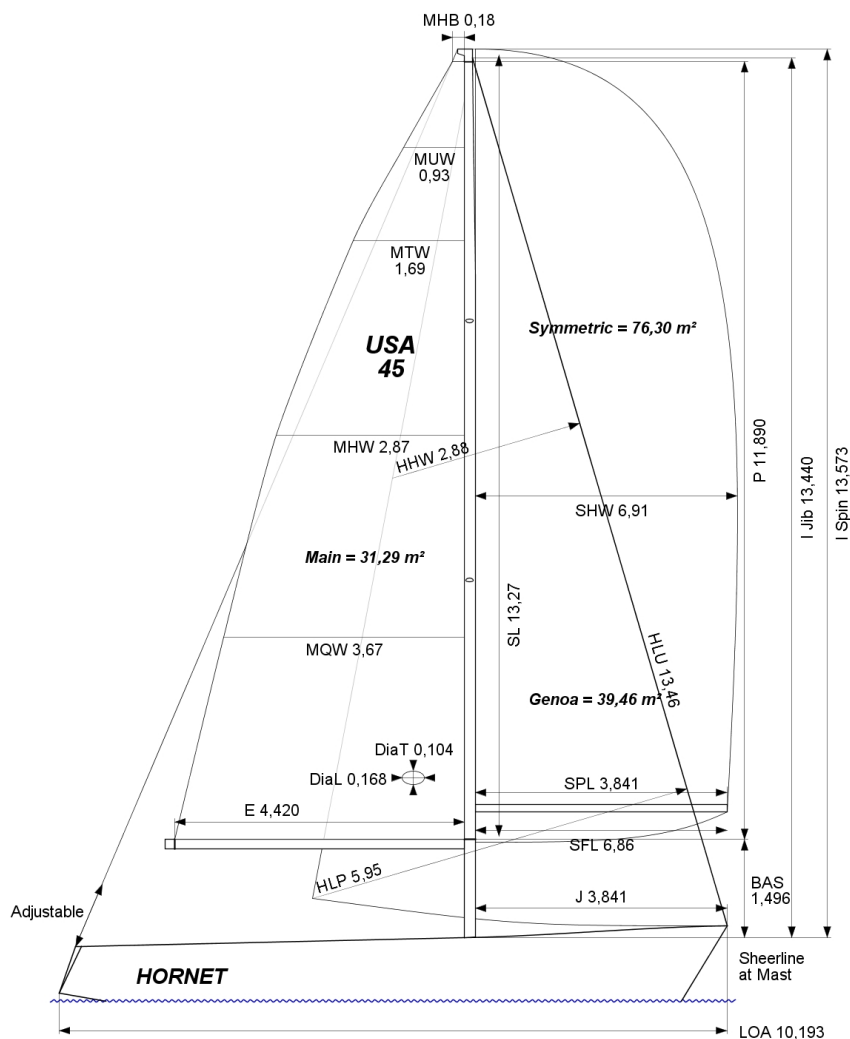




ORC
Offshore Racing Congress
World leader in rating technology

2019
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress

COPY ONLY
Invalid for
Racing
World Leader In Rating Technology

Certificate

Number **US6398**
Issued On **23/09/2019**
ORC Ref **US00000403**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default 586kg
Maximum **520kg**
Minimum* **390kg**
*when applied by the NoR and SI
Non Manual Pwr **No**

Special Scoring

ToD ToT
Double H.GPH **630.2 0.9520**
Double H.OSN **616.0 0.9740**
Non Spin GPH **643.5 0.9324**
Non Spin OSN **626.7 0.9574**

Sails Limitations

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

Spinnaker configuration
Symmetric: **Yes 76.30**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = 8.905

Stability (Estimated)

Limit Positive Stab.: **114.9°**
Stability Index: **111.0**

Owner

BOAT		GPH	HULL	
Name	HORNET	620.0	Data File	US6398 LOA 10.193m
Sail Nr	USA 45		Offset File	US19426.OFF MB 3.328m
			Displacement	3,546kg Draft 1.903m
			IMS Division	Cruiser/Racer Dynamic All. 0.000%
			Fwd Accom.	No Construction Cored
			Fiber Rigging	No Aramid Core No
			Crew Arm Ex	Carbon Rudder No
				Light Stanchions No
			IMSL	9.068m VCGD -0.033m Sink 15.45kg/mm
			RL	8.740m VCGM -0.045m WS 20.45m²
			LSM0	8.937m Displacement/Length ratio 4.9678
			Water Ballast	0 Trim Tab No
			BLR Index	0.0000
			CENTERBOARD	
			N/A	
PROPELLER				
Installation	Shaft exposed	PRD	0.366	
Type	Folding 2 blades	PBW	0.095	
		PIPA	0.0029	

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	603.6			672.4		
Time on Time	0.9941			1.0039		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	698.8	552.5	496.0	898.4	674.3	593.7
Time on Time	0.9659	1.2217	1.3608	0.7513	1.0010	1.1370