



ORC

Offshore Racing Congress
World leader in rating technology

2018
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress



World Leader In Rating Technology

Certificate

Number **US6323**
Issued On **17/07/2018**
ORC Ref **USAX01EE83C**
VPP Ver. **2018 1.00**
Valid until **31/12/2018**

Crew Weight

Default 793kg
Maximum **850kg**
Minimum* **638kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

ToD ToT
Non Spin GPH **601.5 0.9975**
Non Spin OSN **584.1 1.0273**

Sails Limitations

Headsails **6** Spinnakers **4**

Spinnaker configuration

Symmetric: **Yes 149.08**
Asymmetric: **Yes 146.77**
Flying H/S: **No**
Spin. Pole: **Yes**

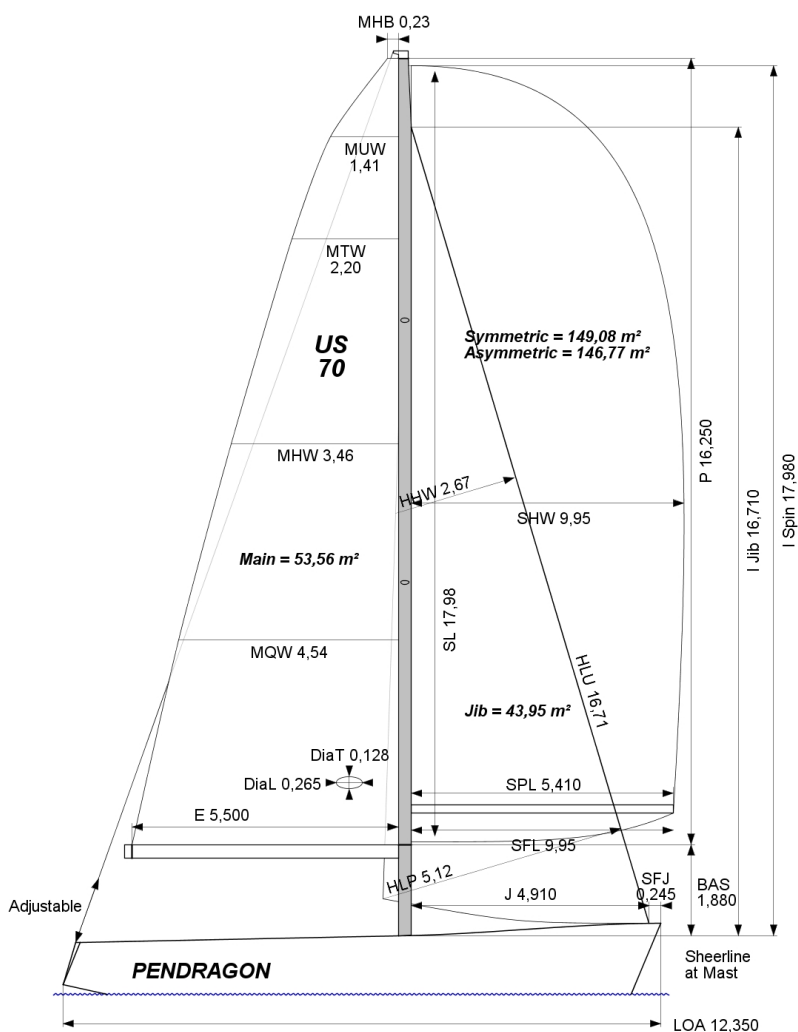
Class Division Length

CDL = 10.833

Stability (Estimated)

Limit Positive Stab.: **122.6°**
Stability Index: **126.4**

Owner



BOAT		GPH	HULL	
Name	PENDRAGON	564.4	Data File	US6323
Sail Nr	US-70		LOA	12.350m
CLASS			Offset File	X41.OFF
Class	Unknown		MB	3.646m
Designer	JEPPSEN		Draft	2.503m
Builder	X-YACHTS		IMS Division	Performance
Series	12/2006		Fwd Accom.	Yes
Age Date			Fiber Rigging	No
Age Allowance	0.390%		Crew Arm Ex	0.00
COMMENTS			Dynamic All.	0.009%
			Construction	Cored
			Aramid Core	No
			Carbon Rudder	Yes
			Light Stanchions	No
			IMSL	11.140m
			VCGD	-0.046m
			Sink	23.28kg/mm
			RL	10.524m
			VCGM	-0.072m
			WS	31.09m²
			LSM0	11.043m
			Displacement/Length ratio	5.2136
			Water Ballast	0
			Trim Tab	No
			BLR Index	0.0000
PROPELLER			BILGEBOARD	
Installation	Strut	PRD 0.436	BS	BT
Type	Folding 2 blades	PBW 0.127	BF	BX
		PIPA 0.0040	BC	BY
				BA

SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	548.4			610.4		
Time on Time	1.0942			1.1059		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	641.0	501.4	448.9	824.3	612.5	534.9
Time on Time	1.0531	1.3461	1.5038	0.8189	1.1020	1.2620