



2019 ORC Club Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **168437**
 Issued On **21/03/2019**
 ORC Ref **GER20040463**
 VPP Ver. **2019 1.01**
 Valid until **01/01/2020**

Crew Weight

Default 862kg
 Maximum **800kg**
 Minimum* **600kg**
*when applied by the NoR and SI
 Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	591.6	1.0142
Double H.OSN	575.7	1.0422
Non Spin GPH	623.7	0.9620
Non Spin OSN	604.9	0.9919

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
 Symmetric: **No**
 Asymmetric: **Yes 144.05**
 Flying H/S: **No**
 Spin. Pole: **No**

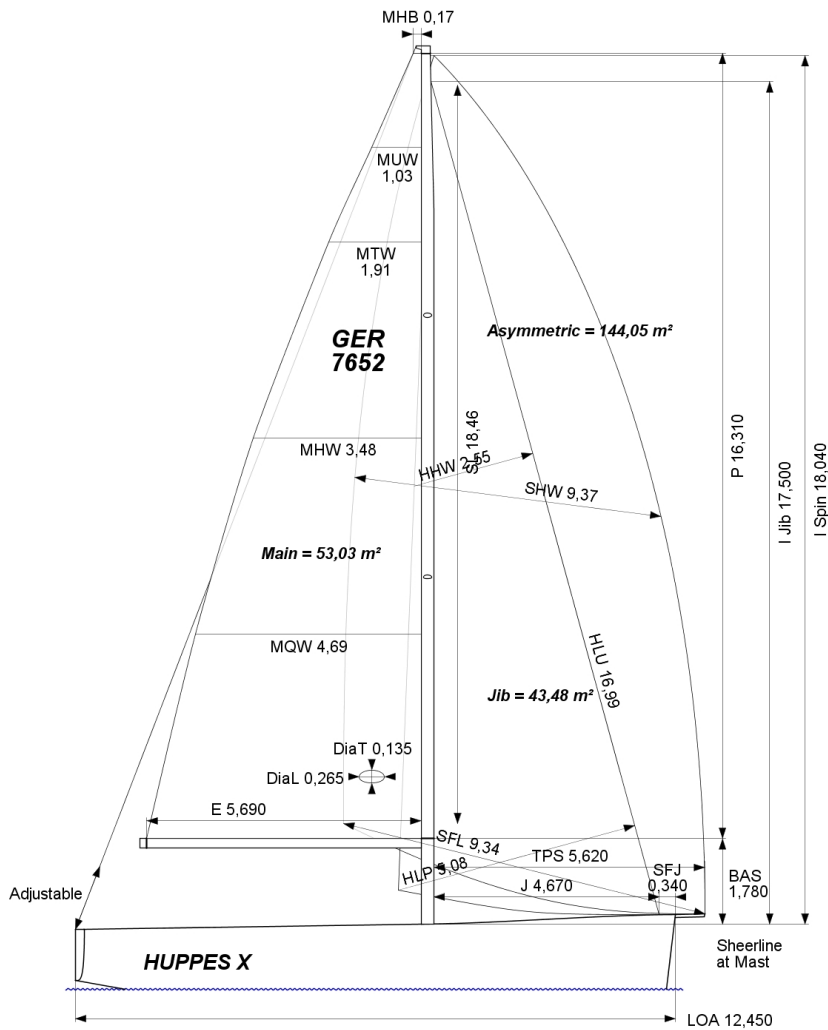
Class Division Length

CDL = 10.719

Stability (Estimated)

Limit Positive Stab.: **124.3°**
 Stability Index: **129.9**

Owner



BOAT		GPH		HULL		
Name	HUPPES X		585.5	Data File	GER7652	
Sail Nr	GER 7652			Offset File	X4.off	
				Displacement	9,482kg	
				LOA	12.450m	
				MB	3.946m	
				Draft	2.237m	
CLASS				IMS Division	Cruiser/Racer	
Class	X4³			Dynamic All.	0.223%	
Designer	JEPPesen			Fwd Accom.	Yes	
Builder	X-YACHTS			Construction	Cored	
Series	02/2016, CIN 51			Fiber Rigging	No	
Age Date	01/2018			Aramid Core	No	
Age Allowance	0.098%			Carbon Rudder	No	
COMMENTS				Crew Arm Ex	No	
				Light Stanchions	No	
PROPELLER				IMSL	11.745m	
Installation	Strut	PRD	0.450	VCGD	-0.028m	
Type	Folding 2 blades	PBW	0.125	Sink	26.55kg/mm	
		PIPA	0.0038	RL	9.691m	
				VCGM	-0.060m	
				WS	34.62m²	
				LSM0	11.706m	
				Displacement/Length ratio	5.9112	
				Water Ballast	0	
				Trim Tab	No	
				BLR Index	0.0000	
				CENTERBOARD		
				NA		
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	569.0			640.5		
Time on Time	1.0545			1.0539		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	674.5	517.1	462.7	875.6	643.7	560.8
Time on Time	1.0007	1.3054	1.4587	0.7709	1.0487	1.2036