



**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **140547**
 Issued On **04/06/2019**
 ORC Ref **GER30010195**
 VPP Ver. **2019 1.01**
 Valid until **01/01/2020**

Crew Weight

Default 722kg
 Maximum **580kg**
 Minimum* **435kg**
*when applied by the NoR and SI
 Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	620.7	0.9666
Double H.OSN	604.4	0.9928
Non Spin GPH	652.0	0.9202
Non Spin OSN	631.9	0.9496

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
 Symmetric: **No**
 Asymmetric: **Yes 119.69**
 Flying H/S: **No**
 Spin. Pole: **No**

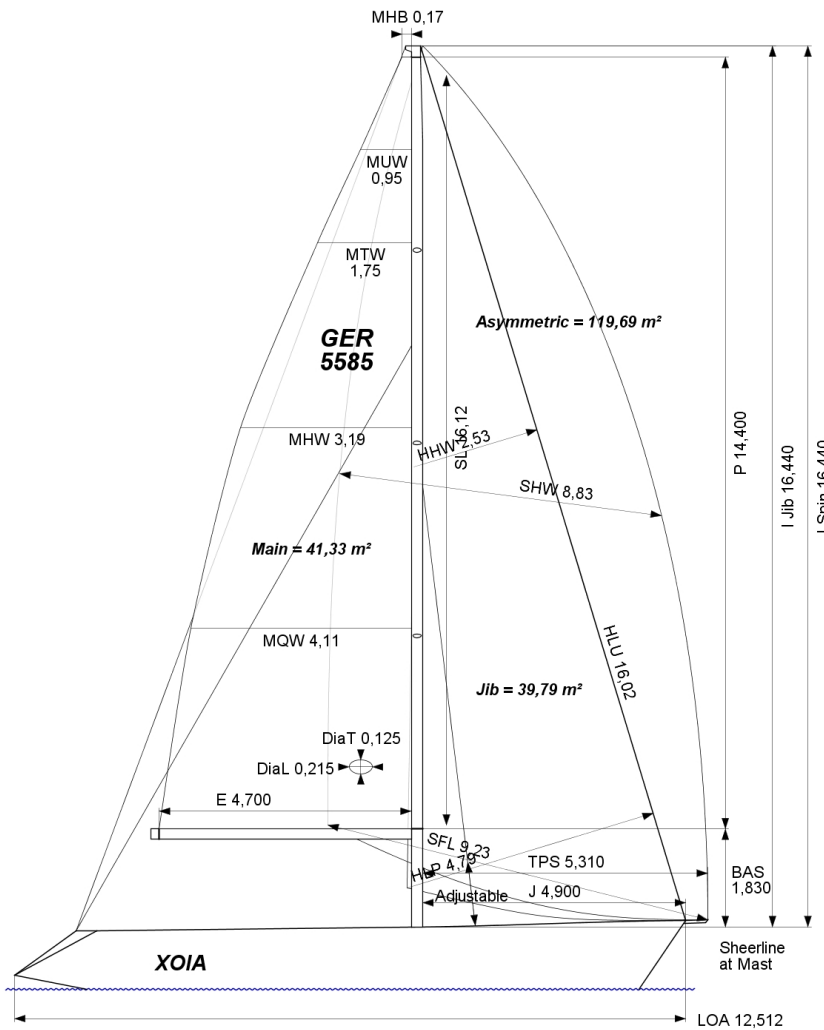
Class Division Length

CDL = 9.558

Stability (Measured)

Limit Positive Stab.: **116.7°**
 Stability Index: **119.3**

Owner



BOAT Name XOIA Sail Nr GER 5585		GPH 615.2	HULL Data File GER5585 LOA 12.512m Offset File D0006.BOF MB 3.916m Displacement 7,794kg Draft 2.232m			
CLASS Class X-412 Designer JEPPESEN Builder X-YACHTS Series 01/1980, CIN #32 Age Date 01/1992 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.206% Fwd Accom. Yes Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex 0.00 Carbon Rudder No Light Stanchions				
COMMENTS		IMSL 10.198m VCGD -0.122m Sink 21.88kg/mm RL 8.917m VCGM 0.010m WS 30.11m² LSM0 10.341m Displacement/Length ratio 7.0481 Water Ballast 0 Trim Tab No BLR Index 0.0000				
PROPELLER Installation Strut PRD 0.406 Type Folding 3 blades PIPA 0.0014		CENTERBOARD N/A				
SCORING OPTIONS						
	COASTAL / LONG DISTANCE		WINDWARD / LEEWARD			
Time on Distance	598.3		671.4			
Time on Time	1.0029		1.0053			
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	704.3	544.7	489.4	908.4	675.5	589.8
Time on Time	0.9584	1.2393	1.3792	0.7431	0.9993	1.1444