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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **142051**
Issued On **21/03/2019**
ORC Ref **GER20040450**
VPP Ver. **2019 1.01**
Valid until **01/01/2020**

Crew Weight

Default 961kg
Maximum **650kg**
Minimum* **488kg**
**when applied by the NoR and SI*
Non Manual Pwr

Special Scoring

	ToD	ToT
Double H.GPH	591.0	1.0153
Double H.OSN	574.6	1.0443
Non Spin GPH	626.0	0.9585
Non Spin OSN	607.2	0.9882

Sails Limitations

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

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 164.60**
Flying H/S: **No**
Spin. Pole: **Yes**

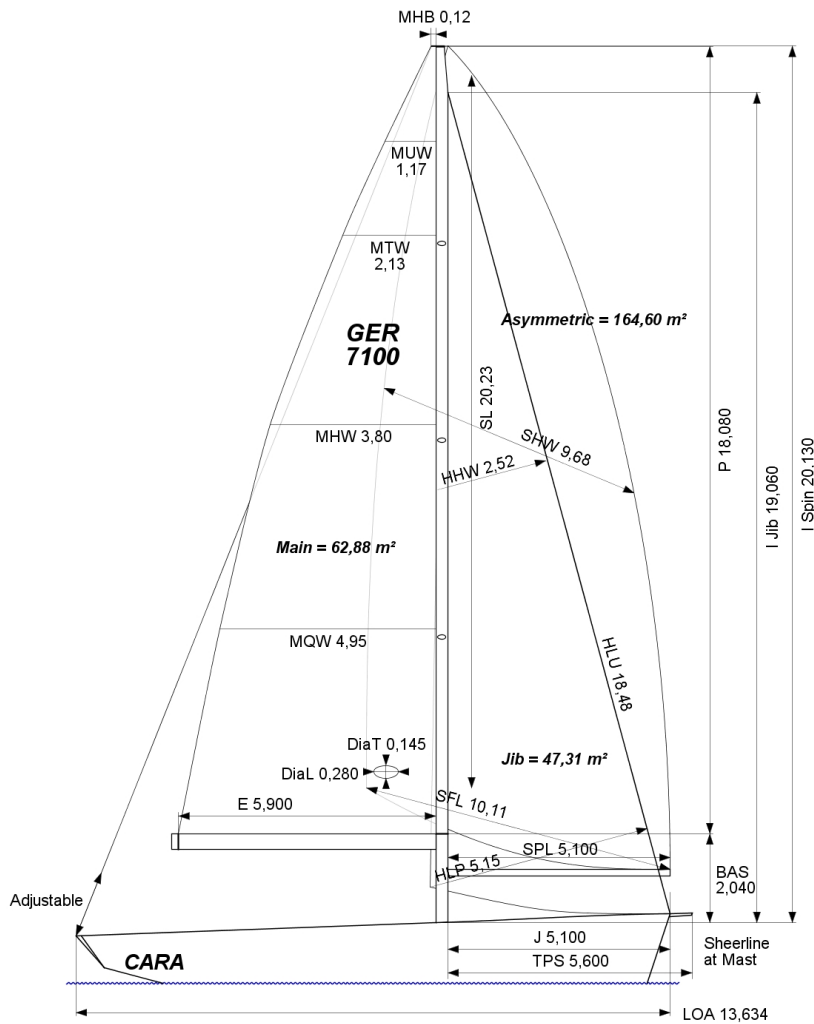
Class Division Length

CDL = 10.946

Stability (Estimated)

Limit Positive Stab.: **118.0°**
Stability Index: **127.3**

Owner



BOAT	GPH	HULL
Name CARA Sail Nr GER 7100	587.2	Data File GER7100 LOA 13.634m Offset File XC45-V.OFF MB 4.310m Displacement 14,591kg Draft 2.243m
CLASS Class XC-45 Designer JEPPesen Builder X-YACHTS Series 02/2006 Age Date 04/2015 Age Allowance 0.422%	IMS Division Cruiser/Racer Dynamic All. 0.369% Fwd Accom. Yes Construction Cored Fiber Rigging Aramid Core Crew Arm Ex Carbon Rudder Light Stanchions	IMS L 12.668m VCGD 0.055m Sink 32.90kg/mm RL 9.222m VCGM 0.014m WS 43.25m² LSM0 12.640m Displacement/Length ratio 7.2251
COMMENTS Engine Yanmar 4JH80 Strut SD 60	Water Ballast 0 Trim Tab BLR Index 0.0000	CENTERBOARD NA
PROPELLER Installation Strut PRD 0.510 Type Folding 2 blades PBW 0.120 PIPA 0.0028		
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	570.6	640.0
Time on Time	1.0516	1.0547
Triple Number	Low Medium High	Low Medium High
Time on Distance	680.2 518.2 459.7	883.2 646.6 552.1
Time on Time	0.9923 1.3025 1.4683	0.7643 1.0440 1.2225