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**2019  
ORC Club  
Certificate**

**Rating Office**

**Offshore  
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Congress**



**Certificate**

Number **142372**  
Issued On **29/04/2019**  
ORC Ref **GER20040738**  
VPP Ver. **2019 1.01**  
Valid until **01/01/2020**

**Crew Weight**

Default 859kg  
Maximum **290kg**  
Minimum\* **205kg**  
*\*when applied by the NoR and SI*  
Non Manual Pwr **No**

**Special Scoring**

	ToD	ToT
Double H.GPH	<b>648.3</b>	<b>0.9255</b>
Double H.OSN	<b>629.3</b>	<b>0.9534</b>
Non Spin GPH	<b>646.9</b>	<b>0.9275</b>
Non Spin OSN	<b>627.7</b>	<b>0.9559</b>

**Sails Limitations**

Headsails **6** Spinnakers **0**

**Spinnaker configuration**

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

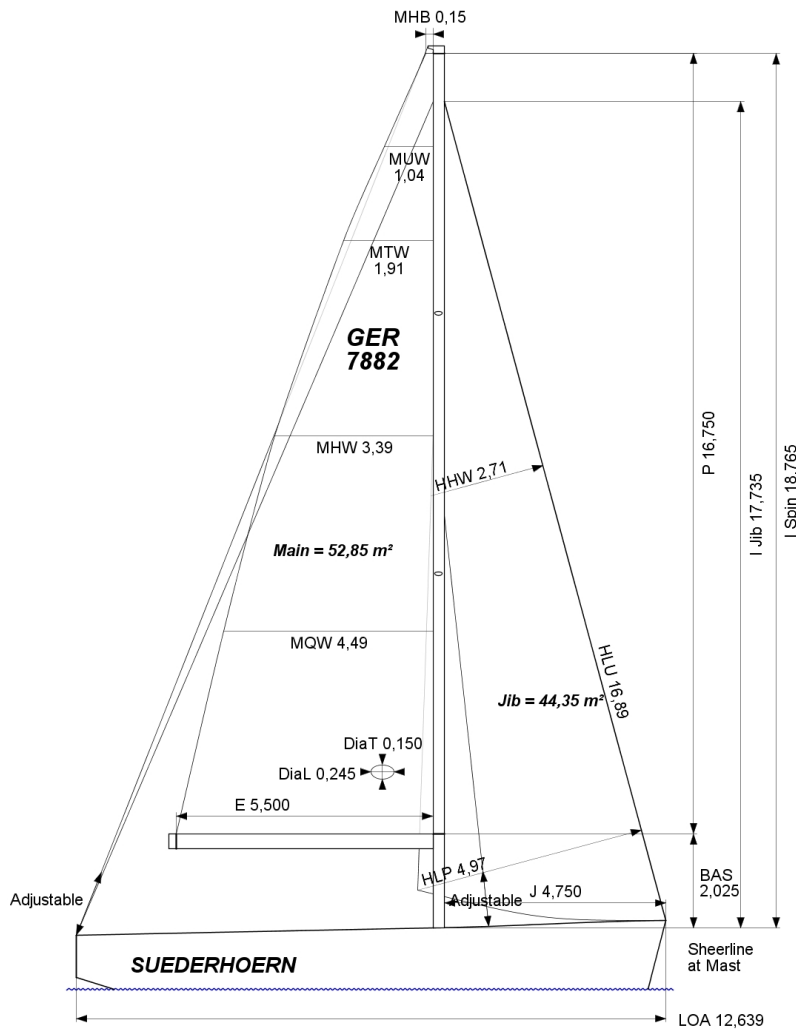
**Class Division Length**

**CDL = 9.984**

**Stability (Measured)**

Limit Positive Stab.: **109.0°**  
Stability Index: **116.5**

**Owner**



BOAT	GPH	HULL
Name <b>SUEDERHOERN</b> Sail Nr <b>GER 7882</b>	<b>646.9</b>	Data File <b>GER7882</b> LOA <b>12.639m</b> Offset File <b>XC42.OFF</b> MB <b>4.080m</b> Displacement <b>11,643kg</b> Draft <b>2.118m</b>
<b>CLASS</b> Class <b>XC-42</b> Designer <b>JEPPESEN</b> Builder <b>X-YACHTS</b> Series <b>04/2010, CIN #94</b> Age Date <b>01/2017</b> Age Allowance <b>0.292%</b>	IMS Division <b>Cruiser/Racer</b> Dynamic All. <b>0.417%</b> Fwd Accom. <b>Yes</b> Construction <b>Cored</b> Fiber Rigging <b>No</b> Aramid Core <b>No</b> Crew Arm Ex Carbon Rudder <b>No</b> Light Stanchions <b>No</b>	IMSLS <b>11.645m</b> VCGD <b>0.216m</b> Sink <b>28.28kg/mm</b> RL <b>8.322m</b> VCGM <b>0.196m</b> WS <b>37.83m²</b> LSM0 <b>11.678m</b> Displacement/Length ratio <b>7.3107</b>
<b>COMMENTS</b>	Water Ballast <b>0</b> Trim Tab <b>No</b> BLR Index <b>0.0000</b>	<b>CENTERBOARD</b>  <b>N/A</b>
<b>PROPELLER</b> Installation <b>Strut</b> PRD <b>0.456</b> Type <b>Folding 3 blades</b> PBW <b>0.128</b> PIPA <b>0.0042</b>		
<b>SCORING OPTIONS</b>		
	<b>COASTAL / LONG DISTANCE</b>	<b>WINDWARD / LEEWARD</b>
Time on Distance	<b>627.7</b>	<b>705.7</b>
Time on Time	<b>0.9559</b>	<b>0.9565</b>
Triple Number	Low Medium High	Low Medium High
Time on Distance	<b>761.6 567.6 497.0</b>	<b>997.6 712.8 599.9</b>
Time on Time	<b>0.8863 1.1892 1.3582</b>	<b>0.6766 0.9470 1.1252</b>