



ORC
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2019
ORC Club
Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **142383**
Issued On **06/06/2019**
ORC Ref **GER20041387**
VPP Ver. **2019 1.01**
Valid until **01/01/2020**

Crew Weight

Default 803kg
Maximum **898kg**
Minimum* **674kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

| | ToD | ToT |
|--------------|--------------|---------------|
| Double H.GPH | 579.8 | 1.0348 |
| Double H.OSN | 565.1 | 1.0617 |
| Non Spin GPH | 603.0 | 0.9950 |
| Non Spin OSN | 586.3 | 1.0234 |

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
Symmetric: **Yes** **129.97**
Asymmetric: **Yes** **104.30**
Flying H/S: **No**
Spin. Pole: **Yes**

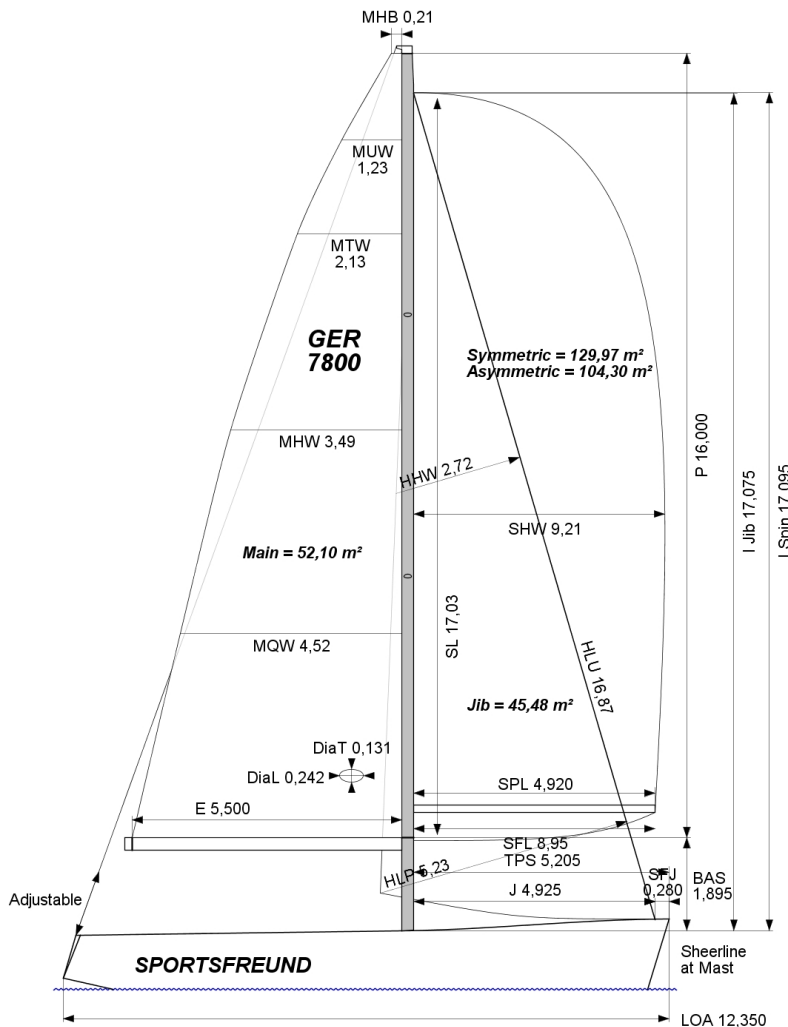
Class Division Length

CDL = 10.828

Stability (Measured)

Limit Positive Stab.: **125.4°**
Stability Index: **129.7**

Owner



| BOAT | | GPH | HULL | | | |
|---|--------------------------------|---------------|---------------------------------|---|------------------------------|---------------|
| Name SPORTSFREUND Sail Nr GER 7800 | | 570.7 | Data File GER7800 | LOA 12.350m | | |
| | | | Offset File G7800.off | MB 3.626m | | |
| | | | Displacement 7,129kg | Draft 2.495m | | |
| CLASS | | | IMS Division Performance | Dynamic All. 0.036% | | |
| Class X-41 | | | Fwd Accom. Yes | Construction Cored | | |
| Designer JEPPESEN | | | Fiber Rigging No | Aramid Core No | | |
| Builder X-YACHTS | | | Crew Arm Ex | Carbon Rudder No | | |
| Series 12/2006 | | | | Light Stanchions No | | |
| Age Date 12/2016 | | | IMSL 11.205m | VCGD -0.094m | Sink 23.17kg/mm | |
| Age Allowance 0.422% | | | RL 10.449m | VCGM -0.124m | WS 31.55m² | |
| COMMENTS | | | LSM0 11.138m | Displacement/Length ratio 5.1595 | | |
| | | | Water Ballast 0 | Trim Tab No | | |
| | | | BLR Index 0.0000 | | | |
| PROPELLER | | | CENTERBOARD | | | |
| Installation Strut | PRD 0.454 | NA | | | | |
| Type Folding 2 blades | PBW 0.125 | | | | | |
| | PIPA 0.0036 | | | | | |
| SCORING OPTIONS | | | | | | |
| | COASTAL / LONG DISTANCE | | | WINDWARD / LEEWARD | | |
| Time on Distance | 554.9 | | | 619.0 | | |
| Time on Time | 1.0813 | | | 1.0905 | | |
| Triple Number | Low | Medium | High | Low | Medium | High |
| Time on Distance | 652.2 | 506.1 | 451.0 | 841.6 | 621.1 | 540.6 |
| Time on Time | 1.0350 | 1.3338 | 1.4967 | 0.8020 | 1.0867 | 1.2487 |