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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **32782**
Issued On **05/06/2019**
ORC Ref **DEN00000552**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default 787kg
Maximum **550kg**
Minimum* **413kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	602.4	0.9961
Double H.OSN	587.7	1.0209
Non Spin GPH	629.5	0.9531
Non Spin OSN	611.9	0.9806

Sails Limitations

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

Asymmetric on centerline

Spinnaker configuration
Symmetric: **No**
Asymmetric: **Yes 114.59**
Flying H/S: **No**
Spin. Pole: **No**

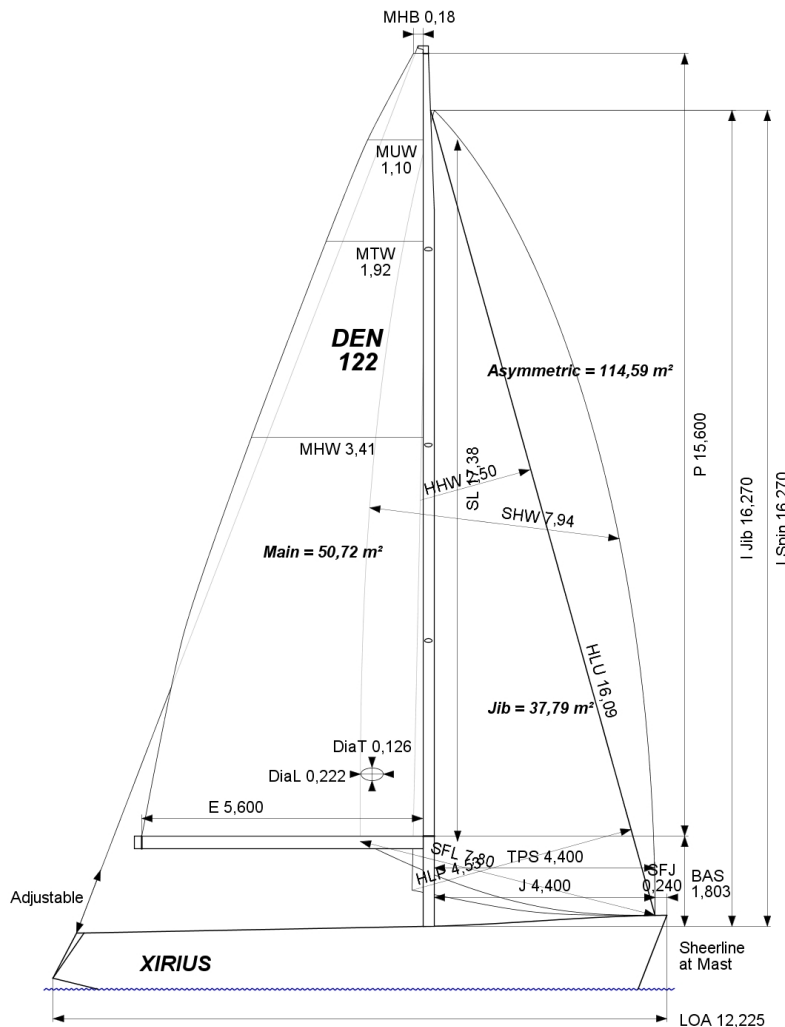
Class Division Length

CDL = 10.130

Stability (Estimated)

Limit Positive Stab.: **125.1°**
Stability Index: **129.3**

Owner



BOAT	GPH	HULL
Name Xirius Sail Nr DEN 122	597.7	Data File 32782 - X40 - LOA 12.225m Offset File x40stdk.off MB 3.764m Displacement 7,729kg Draft 2.088m
CLASS Class X-40 Designer X Yacht Builder X-Yacht Series 01/2004 Age Date 01/2007 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.139% Fwd Accom. Yes Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS		IMSL 10.982m VCGD -0.114m Sink 23.12kg/mm RL 9.276m VCGM -0.119m WS 30.67m² LSM0 10.986m Displacement/Length ratio 5.8291
PROPELLER Installation Strut PRD 0.406 Type Folding 3 blades PIPA 0.0007		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD N/A
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	582.4	655.3
Time on Time	1.0302	1.0301
Triple Number	Low Medium High	Low Medium High
Time on Distance	681.6 529.8 476.9	883.2 658.4 577.5
Time on Time	0.9903 1.2741 1.4153	0.7643 1.0252 1.1689