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**2019
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **007/19**
Issued On **20/05/2019**
ORC Ref **ROU10025202**
VPP Ver. **2019 1.01**
Valid until **31/12/2019**

Crew Weight

Default 855kg
Maximum **602kg**
Minimum* **452kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	636.9	0.9420
Double H.OSN	622.9	0.9632
Non Spin GPH	663.9	0.9038
Non Spin OSN	640.8	0.9363

Sails Limitations

Headsails **1** Spinnakers **0**

Spinnaker configuration

Symmetric: **No**
Asymmetric: **No**
Flying H/S: **Yes** 65.76
Spin. Pole: **Yes**

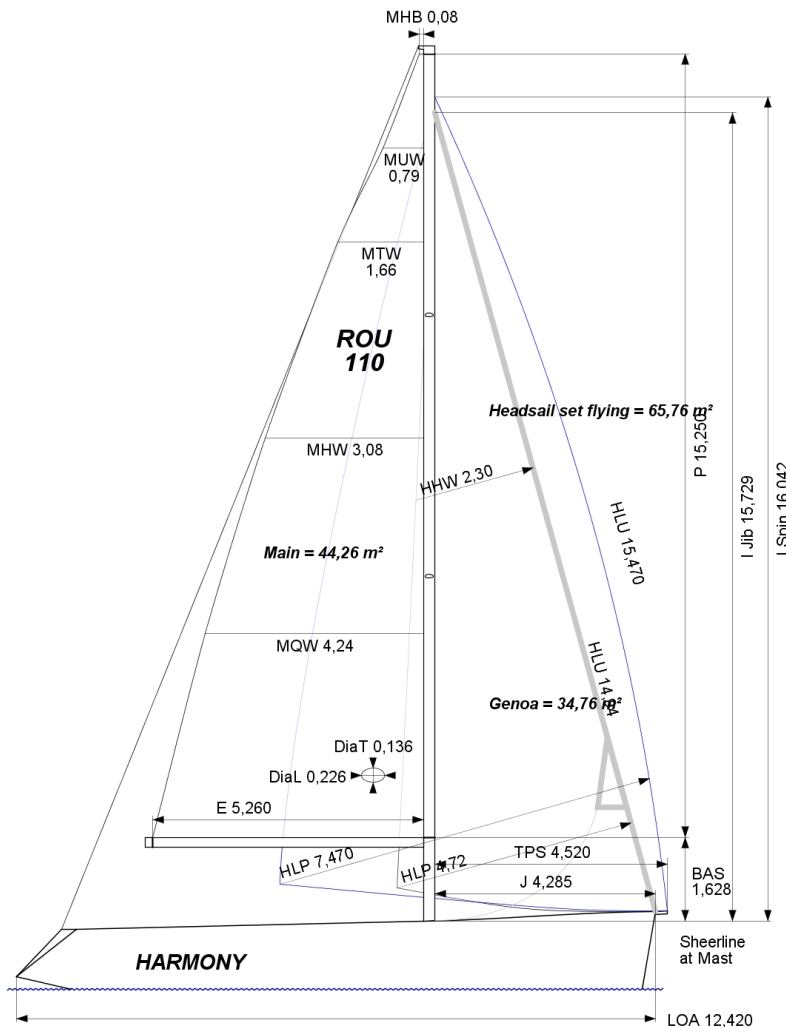
Class Division Length

CDL = 9.900

Stability (Estimated)

Limit Positive Stab.: **110.0°**
Stability Index: **114.4**

Owner



BOAT		GPH	HULL	
Name	Harmony	632.7	Data File	ROU110 LOA 12.420m
Sail Nr	ROU-110		Offset File	HARMO42.OFF MB 3.986m
CLASS			Displacement	8,966kg Draft 1.992m
Class	Harmony 42		IMS Division	Cruiser/Racer Dynamic All. 0.367%
Designer	Mortain&Mavrikios		Fwd Accom.	Yes Construction Solid
Builder	Groupe Porcin		Fiber Rigging	No Aramid Core No
Series	11/2004		Crew Arm Ex	No Carbon Rudder No
Age Date	02/2006			Light Stanchions No
Age Allowance	0.487%		IMSL	11.495m VCGD 0.172m Sink 26.39kg/mm
COMMENTS			RL	8.304m VCGM 0.181m WS 34.32m²
PROPELLER			LSM0	11.639m Displacement/Length ratio 5.6866
Installation	Shaft exposed PRD 0.400		Water Ballast	0 Trim Tab No
Type	Folding 2 blades PIPA 0.0015		BLR Index	0.0000
SCORING OPTIONS			CENTERBOARD	
			NA	
	COASTAL / LONG DISTANCE		WINDWARD / LEEWARD	
Time on Distance	618.3		700.5	
Time on Time	0.9704		0.9636	
Triple Number	Low Medium High		Low Medium High	
Time on Distance	742.2 556.6 485.2		992.4 710.2 591.2	
Time on Time	0.9094 1.2127 1.3913		0.6802 0.9504 1.1417	