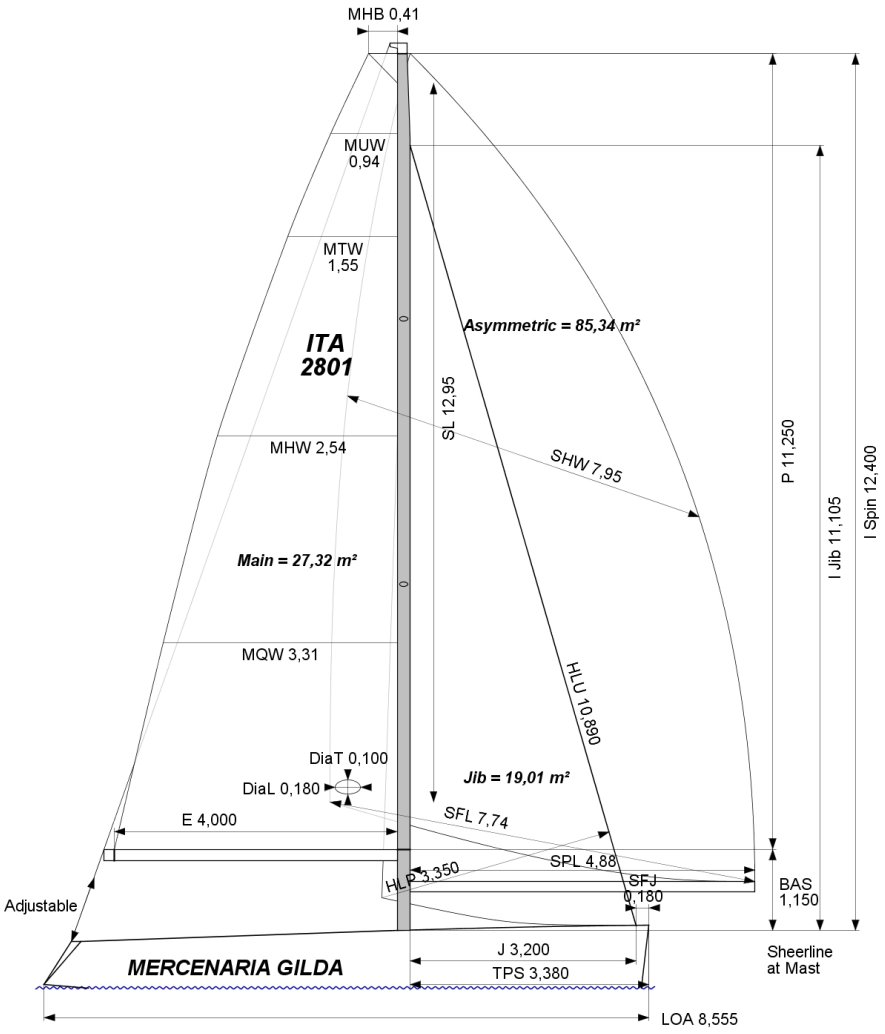


ORC
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2016 ORC Club Certificate

Rating Office

Offshore Racing Congress

Invalid for Racing

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Certificate

Number **28011**
Issued On **03/04/2016**
ORC Ref **CLU00019104**
VPP Ver. **2016 1.01**
Valid until **31/12/2016**

BOAT

Name **MERCENARIA GILDA**
Sail Nr **ITA-2801**

GPH

569.1

CLASS

Class	**KEELER 28**
Designer	**MP-DESIGN**
Builder	**NEW WIND**
Series	**09/2006**
Age Date	**09/2006**
Age Allowance	**0.325%**

COMMENTS

CVL2014

PROPELLER

Type **No Propeller**

HULL

Data File	**I2801.dxt**	LOA	**8.555m**
Offset File	**KEELER28.OFF**	MB	**2.518m**
Displacement	**1,213kg**	Draft	**2.265m**
IMS Division	**Sportboat**	Dynamic All.	**0.003%**
Fwd Accom.	**No**	Construction	**Cored**
Fiber Rigging	**No**	Aramid Core	**No**
Crew Arm Ex		Carbon Rudder	**Yes**
		Light Stanchions	**No**

IMSL	**8.425m**	VCGD	**0.080m**	Sink	**10.85kg/mm**
RL	**9.229m**	VCGM	**0.057m**	WS	**13.21m²**
LSM0	**7.971m**	Displacement/Length ratio			**2.3951**
Keel Angle	**45.0**	Water Ballast	**0**	Trim Tab	**No**
List Angle	**12.0**				

BILGEBOARD

BS	**1.050**	BT	**0.030**	BA	**0.0**
BF	**0.250**	BX	**3.000**		
BC	**0.330**	BY	**0.000**		

Crew Weight

Declared	**485kg**
Default*	**498kg**
Non Manual Pwr	**No**

Special Scoring

	ToD	ToT
Double H.GPH	**587.6**	**1.0211**
Double H.OSN	**578.7**	**1.0367**
Non Spin GPH	**614.6**	**0.9762**
Non Spin OSN	**599.7**	**1.0005**
N/S Perf. Line	**-17.2**	**0.601**

Sails Limitations

Headsails **7** Spinnakers **4**

Spinnaker configuration

Symmetric:	**No**	
Asymmetric:	**Yes**	**85.34**
Flying H/S:	**No**	
Spin. Pole:	**Yes**	

Class Division Length

CDL = **8.828**

Stability

LPS (Estimated):	**94.6°**
Stability Index:	**87.2**
OSR Category:	**N/A**

Owner

SCORING OPTIONS

	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
Time On Distance	**555.2**			**627.4**		
Time On Time	**1.0808**			**1.0759**		
	PLT		PLD	PLT		PLD
Performance Line	**0.703**		**11.3**	**0.957**		**224.5**
	Low	Medium	High	Low	Medium	High
Triple Number	**1.0394**	**1.3231**	**1.5607**	**0.8073**	**1.0621**	**1.2728**

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