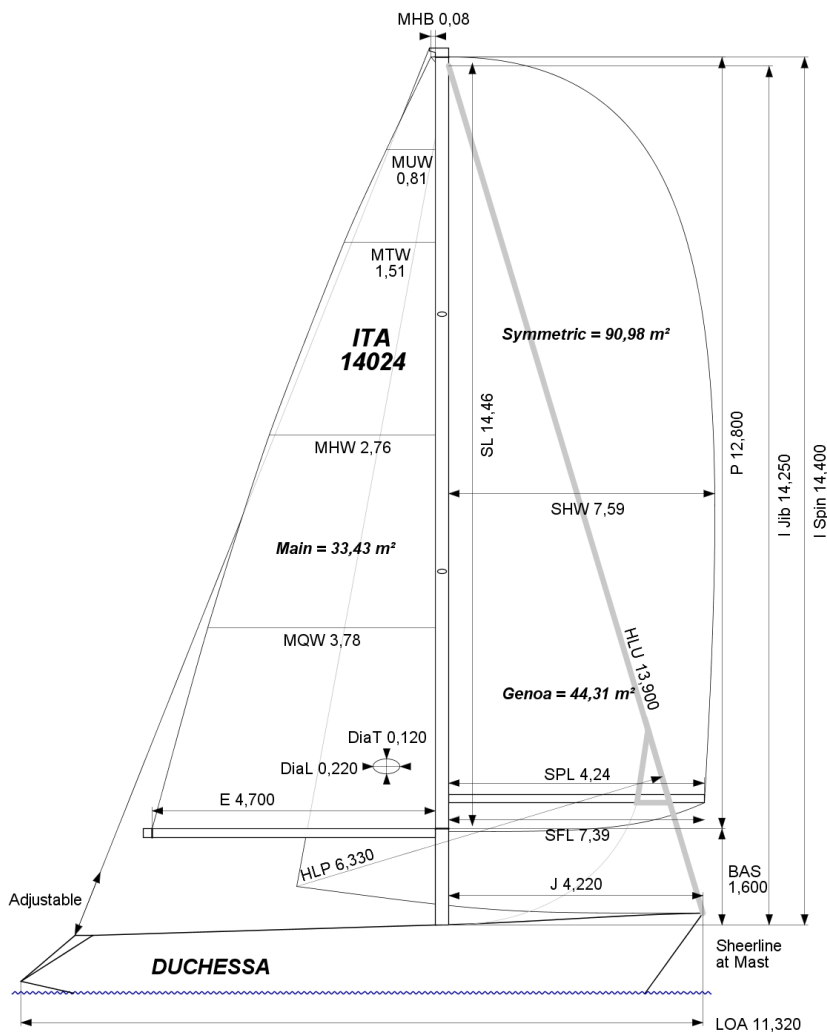




2016 ORC Club Certificate

Rating Office

Offshore
Racing
Congress



Certificate

Number **140241**
Issued On **09/03/2016**
ORC Ref **CLU00018633**
VPP Ver. **2016 1.01**
Valid until **31/12/2016**

Crew Weight

Declared **550kg**
Default* **655kg**
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	651.6	0.9209
Double H.OSN	632.0	0.9493
Non Spin GPH	676.8	0.8865
Non Spin OSN	655.6	0.9151
N/S Perf. Line	1.8	0.568

Sails Limitations

Headsails **1** Spinnakers **3**

Spinnaker configuration

Symmetric: **Yes** **90.98**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

Class Division Length

CDL = **8.859**

Stability

LPS (Estimated): **119.0°**
Stability Index: **120.9**
OSR Category: **N/A**

Owner

BOAT		GPH	HULL	
Name	DUCHESSA	651.4	Data File	I14024.dxt
Sail Nr	ITA-14024		LOA	11.320m
CLASS			Offset File	IGRS37.OFF
Class	GRAND SOLEIL 37		Displacement	6,914kg
Designer	J & J		MB	3.764m
Builder	DEL PARDO		Draft	2.339m
Series	05/1996		IMS Division	Cruiser/Racer
Age Date	03/2001		Dynamic All.	0.360%
Age Allowance	0.487%		Fwd Accom.	Yes
COMMENTS			Construction	Solid
			Fiber Rigging	No
			Aramid Core	No
			Carbon Rudder	No
			Light Stanchions	No
			IMSL	9.746m
			VCGD	-0.250m
			Sink	20.76kg/mm
			RL	7.970m
			VCGM	-0.091m
			WS	27.83m²
			LSM0	9.660m
			Displacement/Length ratio	7.6700
			Water Ballast	0
			Trim Tab	No
			CENTERBOARD	
			N/A	
PROPELLER				
Installation	Strut	PRD	0.420	
Type	Feathering 3 blades	PBW	0.105	
		PIPA	0.0035	

SCORING OPTIONS						
	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
Time On Distance	631.4			702.7		
Time On Time	0.9503			0.9606		
Performance Line	PLT	PLD		PLT	PLD	
	0.619	20.9		0.722	137.2	
Triple Number	Low	Medium	High	Low	Medium	High
	0.8887	1.1742	1.3485	0.6846	0.9466	1.1351