



World Leader in Rating Technology

2017 ORC Club One Design Certificate

Rating Office

Offshore
Racing
Congress



World Leader in Rating Technology

Certificate

Number **846SU**
 Issued On **10/03/2017**
 ORC Ref **CLU00021427**
 VPP Ver. **2017 1.00**
 Valid until **31/12/2017**

Crew Weight

Declared **400kg**
 Default* **384kg**
 Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Double H.GPH	899.7	0.8575
Double H.OSN	881.0	0.8811
Non Spin GPH	716.8	0.8371
Non Spin OSN	894.5	0.8639

Sails Limitations

Headsails 5 Spinnakers 3

Spinnaker configuration
 Symmetric: **Yes 40.04**
 Asymmetric: **No**
 Flying H/S: **No**
 Spin. Pole: **Yes**

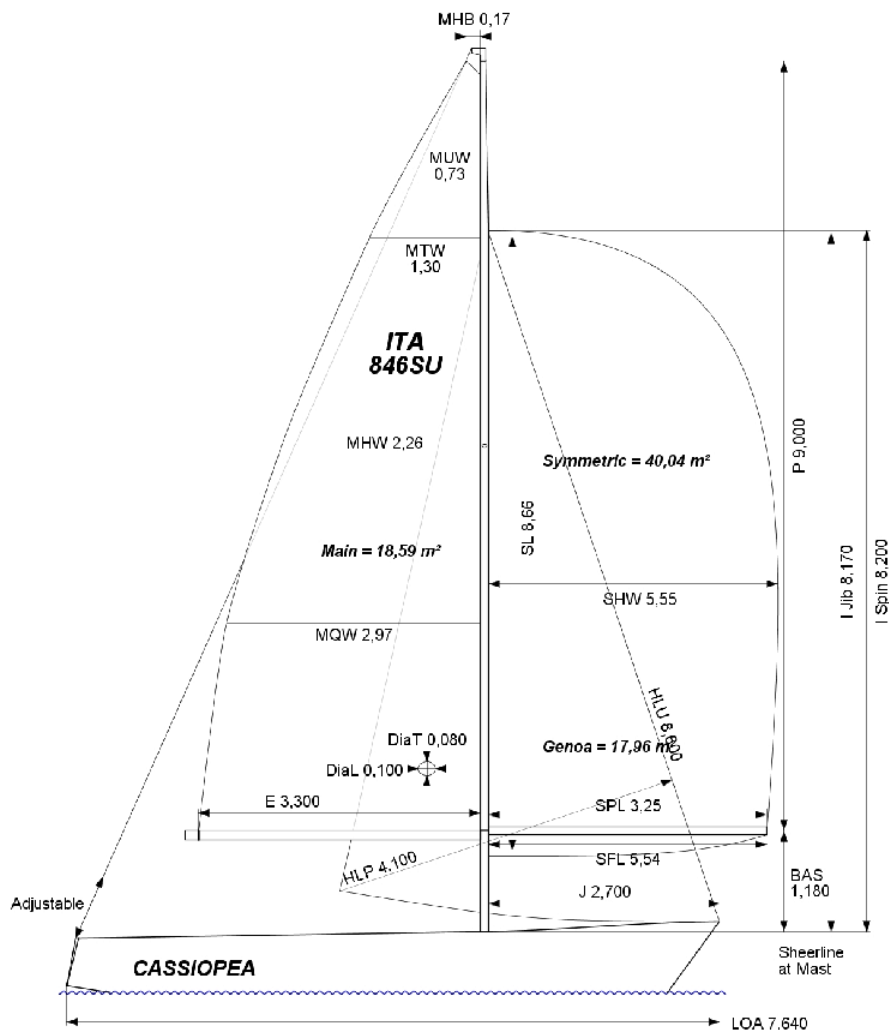
Class Division Length

CDL = 6.993

Stability (Estimated)

Limit Positive Stab.: **110.8°**
 Stability Index: **104.0**

Owner



BOAT		GPH		HULL		
Name	CASSIOPEA		692.6	Data File	1846SU	
Sail Nr	ITA-846SU			Offset File	surprise.od	
				Displacement	1,286kg	
				LOA	7.640m	
				MB	2.384m	
				Draft	1.774m	
CLASS				IMS Division	Sportboat	
Class	SURPRISE			Dynamic All.	0.000%	
Designer	JOUBERT-NIVELT			Fwd Accom.	Yes	
Builder	ARCHAMBAULT			Construction	Solid	
Series	01/1977			Fiber Rigging	No	
Age Date	01/2010			Aramid Core	No	
Age Allowance	0.487%			Carbon Rudder	No	
COMMENTS				Light Stanchions	No	
ONE-DESIGN RULES				IMSL	6.899m	
				VCGD	-0.120m	
				Sink	8.67kg/mm	
				RL	7.085m	
				VCGM	-0.100m	
				WS	11.43m²	
				LSMD	6.642m	
				Displacement/Length ratio	4.3888	
				Water Ballast	0	
				Trim Tab	No	
PROPELLER				CENTERBOARD		
Type No Propeller				ECM	0.200	
				CBDA	0.100	
				KCDA	0.100	
				WCBB	0.100	
				WCBA	0.100	
				CBDB	0.100	
				CBRC	0.100	
				CBMC	0.100	
				CBTC	0.100	
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time On Distance	671.8			749.5		
Time On Time	0.8931			0.9006		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	794.4	615.5	536.7	1027.6	752.3	652.4
Time on Time	0.8497	1.0967	1.2578	0.6569	0.8973	1.0346