



ORC
Offshore Racing Congress
World leader in rating technology

**2020
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number **7597.7**
Issued On **01/09/2020**
ORC Ref **03570000PIO**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default 562kg
Maximum **562kg**
Minimum* **422kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	628.5	0.9547
Non Spin OSN	612.3	0.9799

Sails Limitations

Headsails **5** Spinnakers **4**

Spinnaker configuration
Symmetric: **Yes 86.67**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

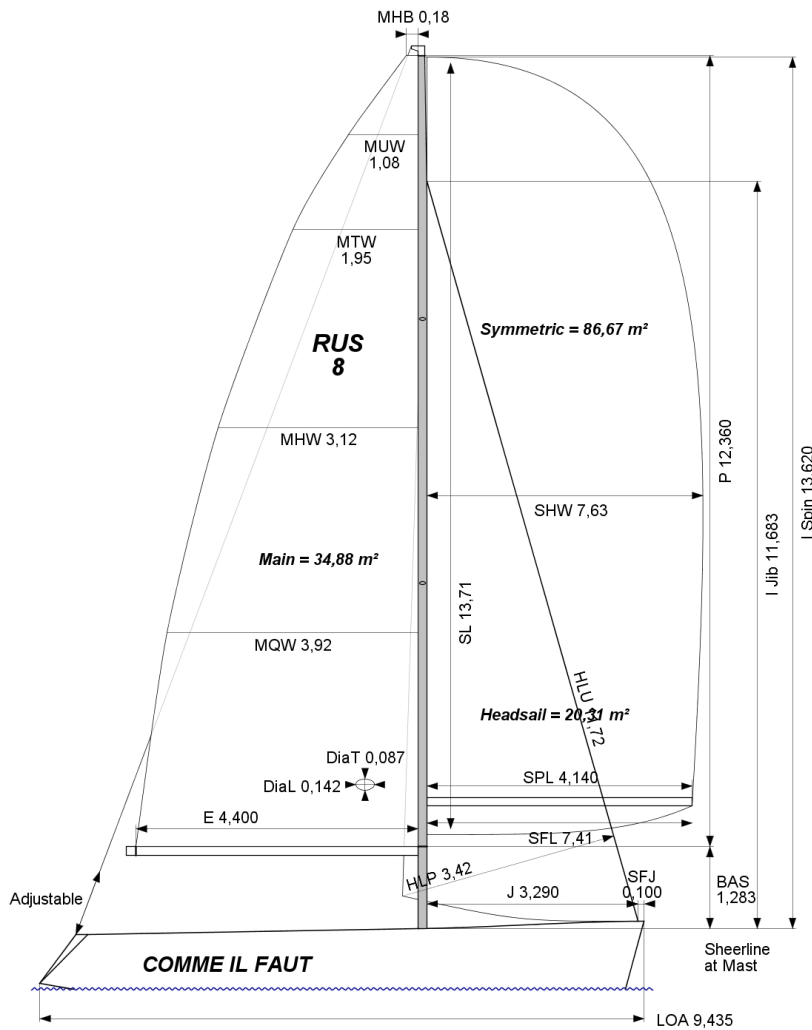
Class Division Length

CDL = 8.943

Stability (Measured)

Limit Positive Stab.: **127.6°**
Stability Index: **121.5**

Owner



BOAT		GPH	HULL			
Name Comme il Faut Sail Nr RUS 8		590.0	Data File RUFarr30_8_Co	LOA 9.435m		
			Offset File MUMM30.OFF	MB 3.038m		
			Displacement 2,297kg	Draft 2.140m		
			IMS Division Performance	Dynamic All. 0.000%		
			Plan Review	Construction Light		
			Fiber Rigging No	Aramid Core No		
			Crew Arm Ex	Carbon Rudder Yes		
				Light Stanchions		
			IMSL 8.922m	VCGD -0.326m	Sink 11.96kg/mm	
			RL 8.979m	VCGM -0.277m	WS 16.02m²	
			LSM0 8.675m	Displacement/Length ratio 3.5185		
			Water Ballast 0	Trim Tab No		
			BLR Index 0.0000			
CLASS		CENTERBOARD				
Class Farr 30		NA				
Designer FARR						
Builder DK Malaysia						
Series 07/1996						
Age Date 03/2007						
Age Allowance 0.487%						
COMMENTS						
PROPELLER						
Installation Strut	PRD 0.356					
Type Folding 2 blades	PBW 0.095					
	PIPA 0.0031					
SCORING OPTIONS						
	COASTAL / LONG DISTANCE			WINDWARD / LEEWARD		
Time on Distance	575.4			643.5		
Time on Time	1.0428			1.0489		
Triple Number	Low	Medium	High	Low	Medium	High
Time on Distance	655.9	530.7	470.0	836.5	647.1	569.4
Time on Time	1.0291	1.2720	1.4362	0.8069	1.0431	1.1855

2020

ORC Club Certificate Appendix

BOAT	
Name	Comme il Faut
Sail Nr	RUS 8
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	953.3	790.4	725.3	704.7	696.6	685.2	682.8
52°	629.4	543.9	518.5	508.6	503.3	499.9	490.8
60°	595.5	529.8	505.6	492.5	484.9	480.6	467.6
75°	571.0	519.4	491.6	468.2	453.4	445.1	435.4
90°	578.8	519.6	490.3	460.1	434.4	415.3	397.1
110°	575.3	508.1	472.8	449.9	428.4	407.9	365.3
120°	588.7	512.0	469.8	433.1	409.8	389.4	351.2
135°	651.1	537.3	493.0	449.9	407.3	366.9	314.4
150°	769.4	618.3	534.9	493.7	454.6	415.6	334.2
Run VMG	888.4	713.9	614.1	555.9	512.1	477.0	385.9
Selected Courses							
Windward / Leeward	920.9	752.2	669.7	630.3	604.3	581.1	534.4
Circular Random	794.2	650.0	574.2	529.9	500.8	479.0	445.3
Coastal / Long Distance	917.6	710.7	610.5	553.7	517.2	483.4	424.4
Non Spinnaker	864.4	698.9	610.2	558.1	524.6	501.0	468.0

Velocity Prediction in Knots for True Wind Speeds							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat Angles	42.0°	40.5°	37.9°	36.8°	36.8°	36.2°	36.8°
Beat VMG	3.78	4.55	4.96	5.11	5.17	5.25	5.27
52°	5.72	6.62	6.94	7.08	7.15	7.20	7.33
60°	6.05	6.80	7.12	7.31	7.42	7.49	7.70
75°	6.30	6.93	7.32	7.69	7.94	8.09	8.27
90°	6.22	6.93	7.34	7.82	8.29	8.67	9.07
110°	6.26	7.09	7.62	8.00	8.40	8.83	9.86
120°	6.12	7.03	7.66	8.31	8.78	9.25	10.25
135°	5.53	6.70	7.30	8.00	8.84	9.81	11.45
150°	4.68	5.82	6.73	7.29	7.92	8.66	10.77
Run VMG	4.05	5.04	5.86	6.48	7.03	7.55	9.33
Gybe Angles	143.5°	146.0°	154.0°	162.0°	180.0°	180.0°	145.0°