



ORC
Offshore Racing Congress
World leader in rating technology

**2020
ORC Club
Certificate**

Rating Office

**Offshore
Racing
Congress**



Certificate

Number
Issued On **09/07/2020**
ORC Ref **04140000MAA**
VPP Ver. **2020 1.02**
Valid until **31/12/2020**

Crew Weight

Default 720kg
Maximum **770kg**
Minimum* **578kg**
**when applied by the NoR and SI*
Non Manual Pwr **No**

Special Scoring

	ToD	ToT
Non Spin GPH	645.4	0.9297
Non Spin OSN	624.4	0.9609

Sails Limitations

Headsails **6** Spinnakers **4**

Spinnaker configuration
Symmetric: **Yes 92.60**
Asymmetric: **No**
Flying H/S: **No**
Spin. Pole: **Yes**

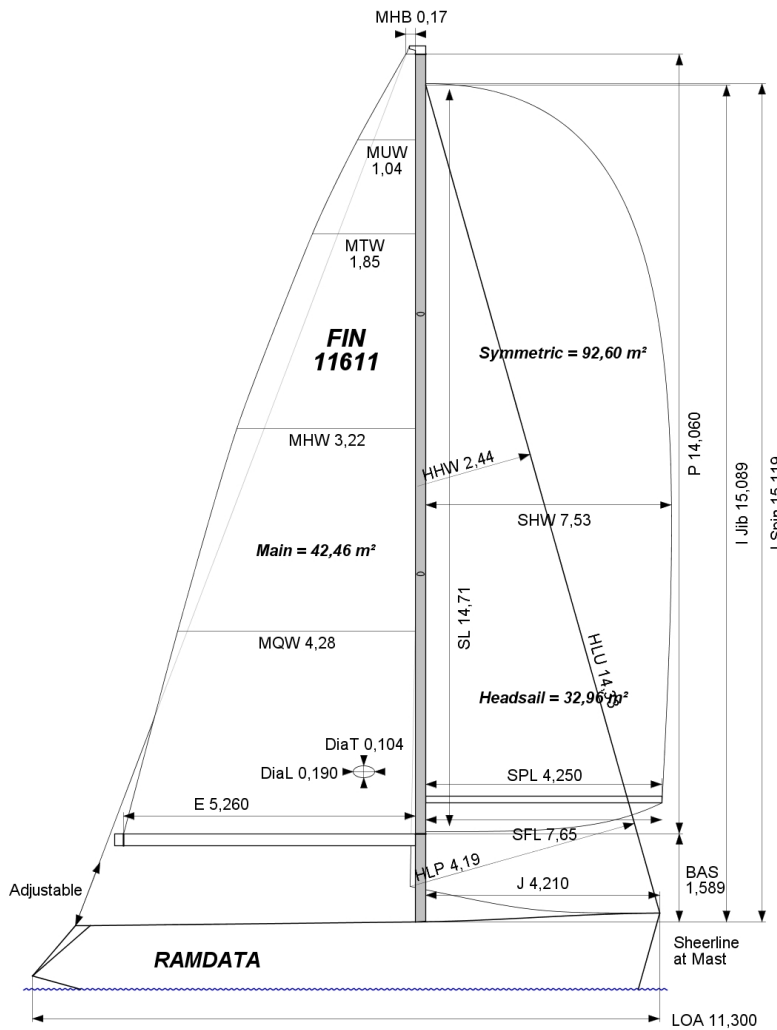
Class Division Length

CDL = 9.786

Stability (Measured)

Limit Positive Stab.: **119.2°**
Stability Index: **121.3**

Owner



BOAT	GPH	HULL
Name RAMDATA Sail Nr FIN11611	612.4	Data File FIN11611 LOA 11.300m Offset File lenconew3.off MB 3.578m Displacement 6,106kg Draft 2.327m
CLASS Class Salona 37 Designer J & J Builder AD Boats Series 10/2005 Age Date 01/2009 Age Allowance 0.487%		IMS Division Cruiser/Racer Dynamic All. 0.191% Plan Review Construction Cored Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS Measured weight 9.7.2020 6130kg		IMSL 10.295m VCGD -0.036m Sink 20.76kg/mm RL 9.289m VCGM 0.022m WS 28.31m² LSM0 10.324m Displacement/Length ratio 5.5490
PROPELLER Installation Strut PRD 0.409 Type Folding 2 blades PBW 0.102 PIPA 0.0034		Water Ballast 0 Trim Tab No BLR Index 0.0000
		CENTERBOARD NA
SCORING OPTIONS		
	COASTAL / LONG DISTANCE	WINDWARD / LEEWARD
Time on Distance	593.3	660.5
Time on Time	1.0112	1.0219
Triple Number	Low Medium High	Low Medium High
Time on Distance	707.8 540.8 479.3	913.9 664.4 571.2
Time on Time	0.9537 1.2482 1.4084	0.7386 1.0159 1.1818

2020

ORC Club Certificate Appendix

BOAT	
Name	RAMDATA
Sail Nr	FIN11611
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TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1035.3	853.4	747.6	692.8	674.1	666.4	651.1
52°	679.1	571.3	514.1	490.8	481.9	478.0	472.8
60°	642.4	545.1	500.0	479.8	469.4	465.0	461.3
75°	616.3	526.8	489.8	470.2	455.6	444.9	436.1
90°	625.6	527.3	483.4	466.2	451.8	435.5	411.1
110°	629.8	520.0	477.0	452.1	430.1	415.9	395.6
120°	649.3	532.2	482.8	456.4	431.6	408.6	377.4
135°	720.0	583.2	508.3	474.4	450.4	426.0	379.6
150°	853.9	676.0	571.1	507.1	475.6	453.1	408.5
Run VMG	986.0	780.6	659.1	579.2	525.0	487.1	442.1
Selected Courses							
Windward / Leeward	1010.7	817.0	703.3	636.0	599.6	576.7	546.6
Circular Random	848.2	682.8	593.8	542.0	510.0	488.7	461.0
Coastal / Long Distance	1008.2	767.6	634.5	557.8	519.6	490.0	442.1
Non Spinnaker	908.1	724.9	624.9	565.9	529.1	504.9	473.5

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	42.8°	40.9°	40.1°	38.6°	37.5°	37.5°	37.3°
Beat VMG	3.48	4.22	4.82	5.20	5.34	5.40	5.53
52°	5.30	6.30	7.00	7.33	7.47	7.53	7.61
60°	5.60	6.60	7.20	7.50	7.67	7.74	7.80
75°	5.84	6.83	7.35	7.66	7.90	8.09	8.25
90°	5.75	6.83	7.45	7.72	7.97	8.27	8.76
110°	5.72	6.92	7.55	7.96	8.37	8.66	9.10
120°	5.54	6.76	7.46	7.89	8.34	8.81	9.54
135°	5.00	6.17	7.08	7.59	7.99	8.45	9.48
150°	4.22	5.33	6.30	7.10	7.57	7.95	8.81
Run VMG	3.65	4.61	5.46	6.22	6.86	7.39	8.14
Gybe Angles	144.5°	149.0°	151.0°	156.0°	172.0°	180.0°	180.0°