



World Leader in Rating Technology

2010 ORC Club Certificate

Rating Office

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Certificate

Number **10057a**
Issued On **10/03/2010**
ORC Ref **FRA00007530**
VPP Ver. **2010 1.08**
Valid until **28/02/2011**

Crew Weight

Declared **350 kg**
Default* **435 kg**
Non Manual Power **No**

Special Scoring

	ToD	ToT
Double Handed	762.9	0.7864
Non Spinnaker	803.2	0.7470
N/S Perf. Line	41.2	0.580

Sails Limitations

Genoas **1** Spinnakers **3**
Jibs **0** Dacron Sails

Spinnaker configuration

Symmetric: **Yes** **49.83**
Asymmetric: **No**
Code Zero: **No**
Spin. Pole: **Yes**

Stability

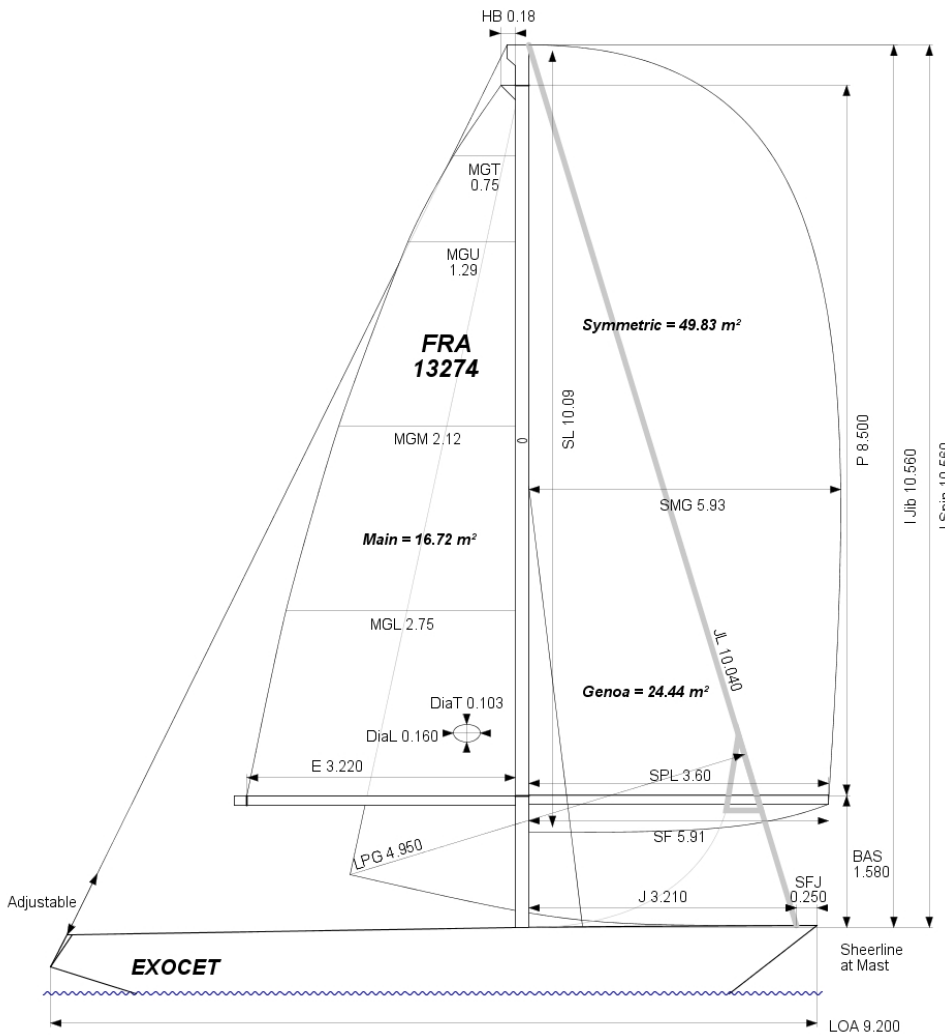
LPS (Estimated): **124.6°**
Stability Index: **124.9**
OSR Category: **0**

Owner

PRIMOT Pascal
8 Rue Fragonard,
98800 - NOUMEA

I certify that I understand my responsibilities under ORC Rules and Regulations

Signature



BOAT		GPH	HULL			
Name	EXOCET	760.5	Data File	F13274.dxt	LOA	9.200 m
Sail Nr	FRA-13274		Offset File	ARLEQUIN.OFF	MB	2.920 m
CLASS			Displacement	3,498 kg	Draft	1.750 m
Class	SUPER ARLEQUIN GTE		IMS Division	Cruiser/Racer	Dynamic All.	0.880%
Designer	MAURIC André		Fwd Accom.	Yes	Construction	Solid
Builder	QUERE		Fiber Rigging	No	Aramid Core	No
Series	10/1971		Carbon Mast	No	Carbon Rudder	No
Age Date	01/1980		Anchor Wgt	40.0	Anchor LCG	0.50
Age Allowance	0.975%		IMS L	7.432	Wetted Area	15.97 m²
COMMENTS					VCGM	-0.158
Grément modifié. DSPM = + 570kg From S_ARSR3.dxt			CENTERBOARD			
PROPELLER			N/A			
Installation	Shaft	PRD	0.390			
Type	Solid 2 blades					

SCORING OPTIONS	OFFSHORE COASTAL / LONG DISTANCE			INSHORE WINDWARD / LEEWARD		
	Time On Distance	760.5			857.8	
Time On Time	0.7890			0.7869		
Performance Line	PLT	PLD		PLT	PLD	
	0.651	72.3		0.704	198.4	
	Low	Medium	High	Low	Medium	High
Triple Number	0.7503	1.0152	1.1587	0.5656	0.8141	0.9683



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ORC Club Certificate Appendix

BOAT	
Name EXOCET	Certificate Number 10057a
Sail Nr FRA-13274	Issued On 10/03/2010

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1425.1	1126.5	973.0	892.3	849.5	823.8	798.5
52°	901.4	718.4	641.1	603.4	582.1	570.8	559.4
60°	826.4	672.0	613.0	582.0	562.2	549.4	538.2
75°	769.1	635.8	584.0	558.5	543.8	527.9	509.2
90°	720.3	610.9	568.3	542.0	524.5	515.5	500.4
110°	749.8	625.1	575.2	544.2	519.9	500.5	478.0
120°	798.7	646.9	587.1	552.8	526.0	504.0	470.9
135°	918.0	713.5	621.0	576.3	546.4	521.5	481.4
150°	1090.1	834.5	689.1	615.8	575.4	546.9	502.0
Run VMG	1258.8	963.6	793.9	688.2	623.4	582.8	530.6

Selected Courses							
Windward / Leeward	1361.6	1061.5	897.1	801.9	745.8	711.3	670.7
Circular Random	1076.0	855.2	735.5	665.8	623.0	595.3	561.4
Ocean for PCS	1151.0	894.8	751.9	665.5	610.1	572.1	521.4
Non Spinnaker	1157.6	911.1	775.6	695.3	645.5	613.3	574.3

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	45.8°	44.8°	43.6°	41.6°	40.4°	39.5°	38.7°
Beat VMG	2.53	3.20	3.70	4.03	4.24	4.37	4.51
52°	3.99	5.01	5.62	5.97	6.18	6.31	6.44
60°	4.36	5.36	5.87	6.19	6.40	6.55	6.69
75°	4.68	5.66	6.16	6.45	6.62	6.82	7.07
90°	5.00	5.89	6.33	6.64	6.86	6.98	7.19
110°	4.80	5.76	6.26	6.61	6.92	7.19	7.53
120°	4.51	5.57	6.13	6.51	6.84	7.14	7.65
135°	3.92	5.05	5.80	6.25	6.59	6.90	7.48
150°	3.30	4.31	5.22	5.85	6.26	6.58	7.17
Run VMG	2.86	3.74	4.53	5.23	5.77	6.18	6.79
Gybe Angles	145.1°	147.8°	153.5°	165.7°	173.7°	176.7°	177.5°