



World Leader in Rating Technology

2015
ORC Club
Certificate

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Certificate

Number 15110b
Issued On 24/07/2015
ORC Ref FRA00001040
VPP Ver. 2015 1.01
Valid until 29/02/2016

Crew Weight

Declared 500 kg
Default* 500 kg
Non Manual Pwr No

Special Scoring

	ToD	ToT
Non Spin MPH	716.0	0.8380
Non Spin OSN	690.3	0.8692
N/S Perf. Line	74.7	0.697

Sails Limitations

Headsails 6 Spinnakers 3

Spinnaker configuration

Symmetric: Yes 61.72
Asymmetric: No
Flying H/S: No
Spin. Pole: Yes

Class Division Length

CDL = 7.767

Stability

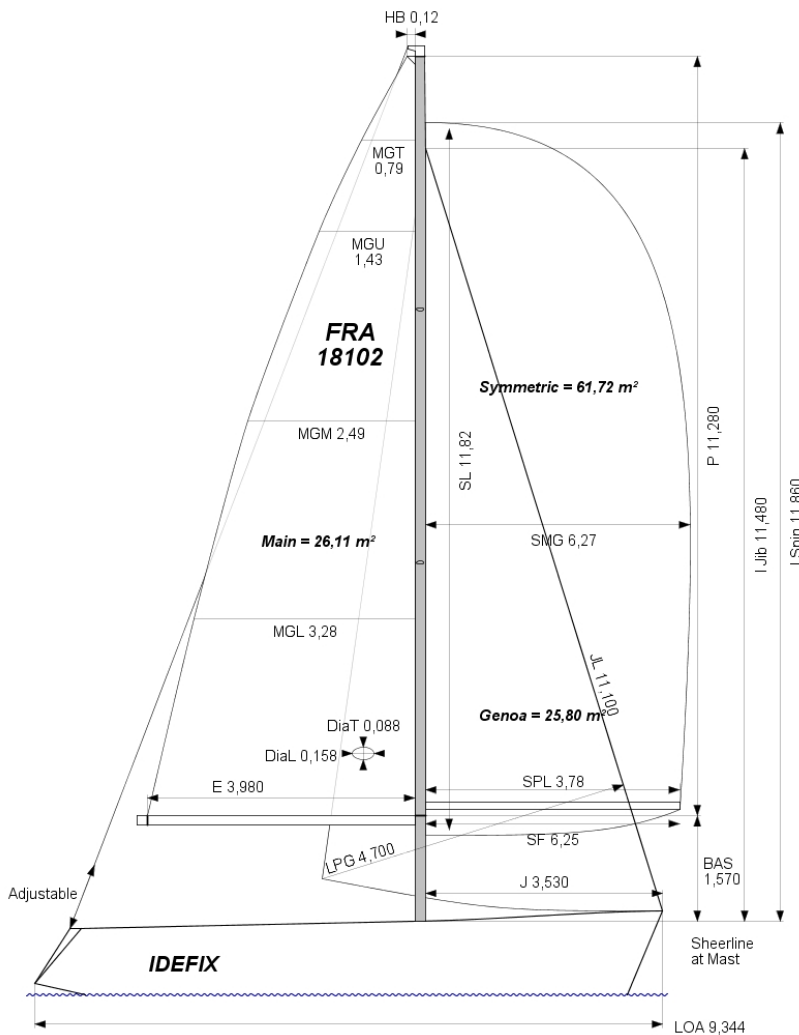
LPS (Estimated): 111.0°
Stability Index: 107.7
OSR Category: N/A

Owner

BARNABE Rene
3 Impasse des Bruyeres
29950 GOUESNA'CH

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

Signature



BOAT	GPH	HULL
Name IDEFIX Sail Nr FRA-18102	685.1	Data File F18102.dxt LOA 9.344 m Offset File F065.OFF MB 3.278 m Displacement 3,671 kg Draft 1.961 m
CLASS Class SUN FAST 32 DK MOD Designer BRIAND Philippe Builder JEANNEAU SA Series 06/1993 Age Date 05/2014 Age Allowance 0.488%		IMS Division Cruiser/Racer Dynamic All. 0.262% Fwd Accom. Yes Construction Solid Fiber Rigging No Aramid Core No Crew Arm Ex Carbon Rudder No Light Stanchions No
COMMENTS Carbon Mast avec Grande Bome et Tangon Voiles speciales Spi haut Etai avancé DSPM = -32kg fromS_F32DK2.dxt		IMS L 8.206 VCGD 0.064 Sink 14.15 kg/mm RL 7.328 VCGM 0.175 WS 19.37 m² Water Ballast 0 Trim Tab No
PROPELLER Installation Shaft exposed PRD 0.355 Type Folding 2 blades PIPA 0.0042		CENTERBOARD N/A
SCORING OPTIONS		
	OFFSHORE COASTAL / LONG DISTANCE	INSHORE WINDWARD / LEEWARD
Time On Distance	663.4	735.8
Time On Time	0.9045	0.9174
Performance Line	PLT 0.765 PLD 101.4	PLT 0.712 PLD 156.9
Triple Number	Low 0.8480 Medium 1.1175 High 1.2658	Low 0.6530 Medium 0.9091 High 1.0706



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BOAT	
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Sail Nr FRA-18102	Issued On 24/07/2015

TIME ALLOWANCES							
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt
Beat VMG	1172.2	969.6	854.1	780.0	749.2	734.4	727.2
52°	763.7	639.2	572.2	542.6	529.9	524.3	520.6
60°	718.4	604.1	553.1	529.2	515.3	508.5	503.9
75°	683.4	580.6	540.1	518.5	500.9	486.5	473.8
90°	692.3	580.3	533.5	512.7	502.0	484.1	456.3
110°	701.4	579.1	532.3	505.1	478.9	457.9	441.0
120°	726.6	596.2	540.2	513.1	489.3	465.4	428.0
135°	814.4	665.4	574.0	534.0	509.0	485.1	439.7
150°	966.5	761.2	641.5	567.4	531.9	507.9	462.3
Run VMG	1116.1	876.6	735.2	635.1	569.6	534.1	487.6

Selected Courses							
Windward / Leeward	1144.1	923.1	794.6	707.6	659.4	634.2	607.4
Circular Random	952.9	765.6	664.1	604.6	568.0	544.3	515.4
Ocean for PCS	1014.5	799.0	678.7	605.4	557.9	524.6	477.9
Non Spinnaker	1008.6	804.9	693.4	627.2	586.0	559.2	526.7

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	43.3°	42.0°	42.0°	40.1°	39.0°	38.3°	38.2°
Beat VMG	3.07	3.71	4.22	4.62	4.81	4.90	4.95
52°	4.71	5.63	6.29	6.63	6.79	6.87	6.92
60°	5.01	5.96	6.51	6.80	6.99	7.08	7.14
75°	5.27	6.20	6.67	6.94	7.19	7.40	7.60
90°	5.20	6.20	6.75	7.02	7.17	7.44	7.89
110°	5.13	6.22	6.76	7.13	7.52	7.86	8.16
120°	4.95	6.04	6.66	7.02	7.36	7.74	8.41
135°	4.42	5.41	6.27	6.74	7.07	7.42	8.19
150°	3.72	4.73	5.61	6.35	6.77	7.09	7.79
Run VMG	3.23	4.11	4.90	5.67	6.32	6.74	7.38
Gybe Angles	147.0°	153.4°	162.7°	170.2°	176.4°	179.0°	178.9°